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# UNITED STATES

# GOVERNMENT PUBLICATIONS.

A

## MONTHLY CATALOGUE.

JOHN H. HICKCOX,
Editor.

VOL. VII.
1891.

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# UNITED STATES GOVERNMENT PUBLICATIONS.

## MONTHLY CATALOGUE.

VOL. VII. WASHINGTON, D. C., JANUARY, 1891. NO. 1.

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This Catalogue contains the titles of all the current official publications of the United States, including the reports and papers issued by Departments, Bureaus, Commissions and other organizations of the Government; all the documents printed by order of Congress—that is to say, the Executive Documents, Reports of Committees, Miscellaneous Documents, Journals, and Debates of both Houses; and in addition, the titles of all public and private Acts and Treaties.

The arrangement of the titles is alphabetical, under authors' names as regards special treatises, and under topics as regards Congressional documents. At the same time the Departments, Bureaus, Commissions, etc., are credited with the works issued under their supervision. A valuable feature of the work consists in the separate entry of every paper or contribution contained in reports, bulletins, or other publications of the Government. A general Index at the end of the volume.

Subscription price, $5.00 per annum.

J. H. HICKCOX,
906 M STREET N. W., WASHINGTON, D. C.

*William Wesley & Son, 28 Essex Street, Strand, or Kegan Paul, Trench, Trübner & Co., 57 Ludgate Hill, London, or, Felix L. Dames, Berlin, are authorized to receive foreign subscriptions.*

The plan for an index of public documents, commencing with the 51st Congress, formulated by Mr. Ames of the Interior Department, will not receive the sanction of Congress at this session. Favorable reports were made in both Houses, but no action taken. Another proposition, involving a general index of all publications from the foundation of the Government, was also submitted, with no better result.

The Board on Geographic Names grew out of the want of uniformity in the use of names of localities by the several bureaus of the Government charged with the production of charts and maps relating not only to the United States, but involving in some instances the geography of the whole world. It was found "that in no department or bureau was there anything like a system of nomenclature, the geographical names adopted being rather the result of accident than otherwise, one authority being accepted in one bureau at one time, while that of others was entirely different."* The board consists of representatives from the Coast Survey, the Department of State, the Treasury, War, Navy, and Post Office Departments, the Smithsonian Institution and the Geological Survey. Prof. T. C. Mendenhall, Superintendent of the Coast and Geodetic Survey, is Chairman, and Lieut. Richardson Clover, Hydrographer of the Navy Department, the Secretary of the Board. While its functions are purely governmental, and its decisions binding on Government officers only, it is probable that its conclusions will be quite generally accepted. The first Bulletin contains a list of 226 corrected names.

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An important report on sewerage, with more especial reference to the District of Columbia, has been made by a board of sanitary engineers, consisting of Mr. Rudolph Hering, Mr. S. M. Gray, and Mr. F. P. Stearns, who were appointed by the President, under authority of Congress.

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One of the outgrowths of the recent irrigation controversy in Congress was an investigation to determine the proper location of artesian wells within the area of the 97th meridian and east of the Rocky Mountains. The Secretary of Agriculture has submitted a voluminous report on the subject, which Congress ordered printed.

The Department of Agriculture has issued a special report on the diseases of the horse, prepared under the direction of Dr. Salmon. The work seems to be in high favor in Congress; the House having passed a resolution to print 100,000 copies, afterwards reduced by the Senate to 50,000.

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*Prof. Mendenhall's "Prefatory Note" to Bulletin, No. 1.

# CATALOGUE.

## JANUARY, 1891.

*Note:* All the publications described in this volume are octavo in size, unless otherwise mentioned. The word *sep.* indicates that the publication is also issued otherwise than as a Congressional document.

**ABBE, CLEVELAND.** An account of recent progress in dynamic meteorology. From Smithsonian report, 1888. Washington, 1890. 72 pp. 1
Smithsonian mis. pub., no. 751.

**ADAMS, CHARLES KENDALL,** *ll. d.* Recent historical work in the colleges and universities of Europe and America. 24 pp.
Am. Hist. Assoc., Annual rep. 1889, pp. 19-42.

—— **HENRY, C.** Freight traffic on the great lakes. 4°. 21 pp. 2
Census Bulletin, 1890, no. 28.

**ADLER, CYRUS.** Report on the section of oriental antiquities in the U. S. Nat. Museum. From Smithsonian rep., 1888, pt. 2. Washington, 1890. 12 pp. 3
Smithsonian mis. pub., no. 736.

**AGRICULTURAL DEPARTMENT.** Report [2d] of the Secretary of Agriculture, 1890. (Without appendices.) Washington, 1890. 52 pp. 4

—— Letter from the Secretary of Agriculture, transmitting a report [by R. J. Hinton] on the preliminary investigation to determine the proper location of artesian wells within the area of the 97th meridian and east of the foot hills of the Rocky Mountains. Washington, 1890. 398 pp., 13 pl., 6 maps. *sep.* 5
Sen. ex. doc., no. 222; 51st Cong., 1st sess.

—— Statement of expenditures in the Department for the fiscal year ended June 30, 1890. 95 pp.
H. R. ex. doc., no. 35; 51st Cong., 2d sess.

—— **Bureau of Animal Industry.** [Preliminary] report of the Bureau for 1890. 104 pp. 6
Sen. ex. doc., no. 8; 51st Cong., 2d sess.

—— —— Special report on diseases of the horse. Prepared under direction of Dr. D. E. Salmon, by Drs. Michiner, Law, Harbaugh, Trumbower, Liautard, Holcombe, Huidekoper, and Dickson. Washington, 1890. 556 pp., 34 pl. 7

—— **Division of Entomology.** *Insect Life.* Periodical bulletin, issued January, 1891. vol. 3, no. 5. Washington, 1891. pp. 179-250. 8

—— **Division of Statistics.** Report of Statistician. New series, no. 80. Report on the crops of the year, and on freight rates of

**AGRICULTURAL DEPARTMENT.**—*Continued.*
transportation companies. December, 1890. Washington, 1890. pp. 591–652. 9

—— **Division of Vegetable Pathology.** *Journal of Mycology.* vol. 6, no. 3. (January 6, 1891.) Washington, 1891. iv, 89–135 pp., 3 pl. 10

—— **Office of Experiment Stations.** *Experiment Station Record.* January, 1891. vol. 2, no. 6. Washington, 1891. vi, 265–308 pp. 11

**ALASKA.** Report of the Governor of Alaska for the year 1890. Washington, 1890. 31 pp. 12

—— Letter from the Secretary of the Interior transmitting report relative to the condition of the natives of Alaska. December 16, 1890. 5 pp.
Sen. ex. doc. no. 14; 51st Cong., 2d sess.

**ALLEN, HARRISON,** *m. d.* Description of a new species of bat of the genus Carollia, and remarks on Carollia brevicauda. Washington, 1890. 8 pp. 13
U. S. Nat. Mus. Proceedings, v. 13, no. 824.

**AMERICAN EPHEMERIS** and **NAUTICAL ALMANAC** for 1893. 1st edition. Washington, *Bureau of Navigation*, 1890. viii, 1–528 pp., 2 charts. 14

**AMERICAN HISTORICAL ASSOCIATION.** Annual report for the year 1889. Washington, 1890. viii, 1–427 pp. *sep.* 15
Sen. mis. doc. no. 170, 51st Cong., 1st sess.

CONTENTS.

1.—General report of annual meeting, 1889.
2.—Recent historical work in colleges and universities of Europe, by C. K. Adams.
3.—The spirit of historical research, by James Schouler.
4.—The origin of National scientific and educational institutions, by Dr. G. B. Goode.
5.—Bibliography of published works of members of the association, by P. L. Ford.

**ANDERSON, F. W.** Notes on certain Uredineæ and Ustilagineæ. 7 pp.
Journal of Mycology, v. 6, no. 3, pp. 121–127.

**APPROPRIATIONS, NEW OFFICES,** etc. Statement showing appropriations 51st Cong., 1st sess.; new offices created and salaries, etc. By T. P. Cleaves and J. C. Courts. Washington, 1890. 613 pp. 16
Sen. mis. doc. no. 246; 51st Cong., 1st sess.

—— Report from the committee on appropriations to accompany deficiency bill (H. R. 12,498) December 18, 1890. 2 pp.
Sen. rep. no. 1873; 51st Cong., 2d sess.

**ARIZONA.** Report of the acting Governor of Arizona to the Secretary of the Interior, 1890. Washington, 1890. 34 pp. 17

**ARKANSAS.** Report from the committee on public lands favoring bill (H. R. 12,711) relating to bonds of Arkansas held by the United States. December 17, 1890. 13 pp.
H. R. rep., no. 3314; 51st Cong., 2d sess.

**ARMY.** Report from the committee on military affairs, to accompany House bill 12,573, making appropriations for the military establishment for 1891–92. December 11, 1890. 10 pp.
H. R. rep., no. 3274; 51st Cong., 2d sess.

**ARTESIAN WELLS.** *See* Agricultural Department.

**ASSOCIATION OF ECONOMIC ENTOMOLOGISTS.** Proceedings, 2d annual meeting, at Champaign, Ill. Nov. 11–13, 1891. 71 pp.
Insect Life, v. 3, no. 5.

**ATKINS, THOMAS B.** Report on the tonnage of traffic within the zone of attraction of the Maritime Canal of Nicaragua in 1890, and as estimated for 1897. 16 pp.
Sen. rep., no. 1944; 51st Cong., 2d sess., pp. 135–150.

**ATLANTIC COASTERS' NAUTICAL ALMANAC,** for the year 1891. 1st ed. Bureau of Equipment, Navy Dep't. Washington, 1890. 206 pp., 2 pl. 18

**ATTORNEY-GENERAL.** Annual report, for the year 1890. Washington, 1890. xxii, 1–261 pp. 19
H. R. ex. doc., no. 7; 51st Cong., 2d sess.

—— Letter in reply to Senate resolution requesting information as to the number of voting places at elections for Representatives in each State and Territory. December 9, 1890. 1 p.
Sen. Ex. Doc., no. 3; 51st Cong., 2d sess.

—— Same. In reply to Senate resolutien requesting a statement of the names, etc., of the chief supervisors of election in each judicial district. December 9, 1890. 1 p.
Sen. ex. doc., no. 4; 51st Cong., 2d sess.

—— Letter from the Attorney-General regarding U. S. supervisors and marshals in Arkansas in the State elections. December 12, 1890. 1 p.
Sen. ex. doc., no. 10; 51st Cong., 2d sess.

**BABCOCK, W. C.** Report upon the electric-lighted buoys in Gedney's channel, N. Y. Harbor. 8 pp.
Light-House Board, Annual report, 1890; Appendix 4.

**BAILEY, G. E.** Report as field geologist of the artesian well investigation, for South Dakota, west of the Missouri river, and of Wyoming, east of the foot-hills of the Rocky Mts. 6 pp.
Agrl. Dept., Rep. on artesian wells, 1890, pp. 65-70.

**BAKER, E. L.,** *Consul.* Cotton, wool, and wheat in Argentine Republic. 18 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 618-635.

**BAKER, MARCUS.** Orthography of Bering. 3 pp.
U. S. Board on Geographic Names: Bulletin no. 1, pp. 11-13.

**BANKRUPTCY.** Memorial of the National convention of representatives of commercial bodies favoring the passage of the Torrey bankrupt bill, December 13, 1890. 4 pp.
Sen. mis. doc., no. 24; 51st Cong., 2d sess.

**BEACH, HORACE.** Report as special expert of the artesian well investigation. 4 pp.
Agrl. Dep., Rep. on artesian wells, 1890, pp. 141-144.

**BEAN, TARLETON HOFFMAN.** Report on the salmon and salmon rivers of Alaska, with notes on the conditions, methods, and needs of the salmon fisheries. Washington, 1890. 50 pp., 35 pl., 8 maps. *sep.* 20
H. R. mis. doc., no. 211; 51st Cong., 1st sess.

**BENNINGTON, LEBBEUS G.,** *Consul.* Wheat, wool and cotton in Rio Grande do Sol. 6 pp.
U. S. Consular Report, no. 123, Dec., 1890, pp. 590-595.

**BILLINGS, JOHN SHAW,** *m. d.* Vital statistics of the Jews in the United States. 4°. 23 pp., including 4 diagrams. 21
Census 1890: Bulletin no. 19.

**BLODGETT, JAMES HARVEY.** Preliminary statistics of education for Louisiana, New Hampshire, Wisconsin, various cities, and the Church of Jesus Christ of latter-day saints. 4°. 10 pp. 22
Census 1890: Bulletin no. 17.

**BOWER, HENRY,** and **PEMBERTON, HENRY, JR.** Distilled spirits consumed in the arts, manufactures, and medicine in the United States. 4°. 9 pp. 23
Census 1890: Bulletin no. 22.

**BRUCE, WALLACE,** *Consul.* Products and trade of Iceland. 3 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 654-656.

—— The Edinburgh international exhibition. 8 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 693-700.

**BRUNER, LAWRENCE.** Notes on beet insects. 2 pp.
Insect Life, v. 3, no. 5, pp. 229-230.

**BURKE, DAVID N.,** *Consul.* Agricultural and sugar bounties in Brazil. 3 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 656-658.

**CARPENTER, L. G.** Report as division field agent for Colorado, on the artesian well investigation. 60 pp., 1 pl.
Agr'l Dept. Rep. on artesian wells, 1890, pp. 173-232.

—— *Same.* For New Mexico. 10 pp.
Agr'l Dept. Rep. on artesian wells, 1890, pp. 233-242.

**CARROLL, HENRY K.** Statistics of churches. 4°. 26 pp. 24
Census 1890: Bulletin, no. 18.

**CATLIN, JOHN R.,** *Consular Agent.* The mines of Huelva, Spain. 3 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 652-654.

**CATTLE.** Report from the committee on commerce favoring bill (Sen. 4,155) to provide for the inspection of live cattle, hogs, and the carcasses and products thereof. December 9, 1890. 2 pp.
H. R. Rep., no. 3362; 51st Cong., 2d sess.

**CHICKAMAUGA AND CHATTANOOGA NATIONAL PARK.** Letter from the park commission submitting a provision in reference to the park for insertion in the appropriation bill for 1891-'92. December 16, 1890. 3 pp.
H. R. ex. doc., no. 98; 51st Cong., 2d sess.

**CLARKE, FRANK WIGGLESWORTH.** An account of the progress in chemistry for 1887 and 1888. From Smithsonian report, 1888. Washington, 1890. 31 pp. 25
Smithsonian mis. pub., no. 752.

—— Report of work done in the division of chemistry, mainly during the fiscal year 1888–'89. Washington, 1890. 60 pp. 26
U. S. Geol. Survey: Bulletin no. 64.

**COFFIN, FRED. F. B.** Report as State irrigation engineer for South Dakota. 16 pp.
Agr'l Dep., Rep. on artesian wells, 1890, pp. 125-140.

**COMMERCIAL STATISTICS.** Report from the committee on rivers and harbors favoring bill (H. R. 12,536) to facilitate the collection of commercial statistics required by sec. 2 of the river and harbor appropriation acts of 1866–'67. December 11, 1890. 1 p.
H. R. rep., no. 3278; 51st Cong., 2d sess.

**COMPTROLLER OF THE CURRENCY.** Annual report, December 1, 1890. In two volumes. Washington, 1890. 307 + 1256 pp. *sep.* 27
H. R. ex. doc., no. 3, parts 1 and 2; 51st Cong., 2d sess.

**CONGRESSIONAL APPORTIONMENT.** Report from the select committee on the eleventh census to accompany bill (H. R. 12,500) providing for the apportionment of representatives among the several States. December 12, 1890. 26 pp.
H. R. rep., no. 3280; 51st Cong., 2d sess.

**CONGRESSIONAL DIRECTORY.** 51st Congress, 2d sess. 1st edition. By W. H. Michaels. Corrected to December 3, 1890. 275 pp., 1 pl., 1 map. *sep.* 28
Sen. Mis. Doc. no. 9; 51st Cong., 1st sess.

—— Supplement to the Congressional Directory, giving correct maps of the States, showing the boundaries of congressional districts and counties, and populations, etc. Washington, 1890. 99 pp. 29

**CONGRESS OF PANAMA, 1826.** *See* International American Conference, Reports of committees, vol. 4, 1890.

**COOK, A. J.** Work of the entomologists in the experiment stations. 6 pp.
Insect Life, vol. 3, no. 5, pp. 212-217.

**COURT OF CLAIMS.** Cases decided in the Court of Claims at the term of 1889–'90, with abstracts of decisions of the Supreme Court in appealed cases, from October, 1889, to May, 1890, etc. Reported by C. C. Nott and A. Hopkins. vol. 25. Washington, 1891. cclxxii, 1–552 pp. 30

**CRAWFORD, J. M.,** *Consul-General.* Insurance companies in Russia. 6 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 701-706.

**CULVER, GARRY E.** Report as field geologist of the artesian well investigation for North and South Dakota. 12 pp., inc. cuts. 1 pl.
Agr'l Dep., Rep. on artesian wells, 1890, pp. 53-64.

**DINGLEY, F. L.** European emigration. Studies in Europe of emigration moving out of Europe, especially that flowing to the United States. Washington, 1890. 211–332+ii pp. 31
U. S. Consular Reports—special.

**DISTRICT OF COLUMBIA.** Report upon the sewerage of the District. Rudolph Hering, Samuel M. Gray, F. P. Stearns, board of sanitary engineers. Washingion, 1890. 75 pp., 12 pl. 32
H. R. ex. doc., no. 455; 51st Cong., 1st sess.

**DOCKERY, O. H.,** *Consul-General.* Wheat, wool, and cotton in Brazil. 8 pp.
U. S. Consular rep., no. 123, Dec., 1890, pp. 583–590.

**DONALDSON, THOMAS.** Statistics of Indians. Enumeration of Indians living within the jurisdiction of the U. S. (except Alaska) taxed or taxable and untaxed. 4°. 14 pp. 33
Census Bulletin, 1890, no. 25.

**DRAYTON, JOHN.,** *Consul.* Business opportunities in Tuxpan. 2 pp.
U. S. Consular rep., no. 123, Dec,, 1890, pp. 706-707.

**DUMBLE, E. T.** Report on the existence of artesian waters west of the 97th meridian, etc. 4 pp.
Agr'l Dep., rep. on artesian wells, 1890, pp. 99-102.

**ECUADOR.** The new tariff of. 4 pp.
U. S. Consular rep., no. 123, Dec., 1890, pp. 579-582.

**EDWARDS, W. H.,** *Consul-General.* A new milk can. 2 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 635-636.

—— Salt in Germany. 2 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 710-711.

**ELLIS, J. B.,** and **ANDERSON, F. W.** A new ustilago from Florida. 2 pp.
Journal of Mycology, v. 6, no. 3, pp. 116-117.

—— and **EVERHART, B. M.** Leptothryium perichymein, Desm. 1 p.
Journal of Mycology, v. 6, no. 3, p. 116.

—— New species of Uredineæ and Ustilagineæ. 4 pp.
Journal of Mycology, v. 6, no. 3, pp. 118-121.

**ERICSSON, JOHN.** Memorial of the American Society of mechanical engineers, for recognition, from the nation, for the abilities and services of Ericsson. December 17, 1890. 4 pp.
Sen. ex. doc., no. 15; 51st Cong., 2d sess.

—— Report from the committee on foreign relations, to accompany S. res. 135, relating to 354 medals presented by the King of Sweden and Norway to commander, officers and crew of the *Baltimore*, to commemorate the service of carrying the remains of Ericsson to Sweden. December 17, 1890. 5 pp.
Sen. rep., no. 1871; 51st Cong., 2d sess.

**FAIRCHILD, DAVID GRANDISON.** Diseases of the grape in western New York. 5 pp.
Journal of Mycology, v. 6, no. 3, pp. 95-99.

**FAIRCHILD, DAVID GRANDISON.**—*Continued.*

—— Index to North American mycological literature. 8 pp.
Journal of Mycology, v. 6, no. 3, pp. 128-135.

—— *See* Galloway, Beverly Thomas.

**FASSIG, OLIVER LANARD.** *See* War Dep't, Signal Office: Bibliography of meteorology.

**FLETCHER, JAMES.** Notes upon injurious insects of the year in Canada. (Abstract.) 3 pp.
Insect Life, v. 3, no. 5, pp. 247-249.

**FORBES, S. A.** A summary history of the corn-root aphis. 6 pp.
Insect Life, v. 3, no. 5, pp. 233-238.

—— On the life history of the white grubs. 8 pp.
Insect Life, v. 3, no. 5, pp. 239-246.

**FORD, PAUL LEICESTER.** A partial bibliography of the published works of members of the American Historical Association. 224 pp.
Amer. Hist. Assoc., Annual rep. 1889, pp. 163-386.

**GALLOWAY, BEVERLY THOMAS.** A new pear disease. (2.) Diease of geraniums.
Journal of Mycology, v. 6, no. 3, pp. 113-115.

—— and **FAIRCHILD, DAVID GRANDISON.** Experiments in the treatment of plant diseases. Part 1. Treatment of black rot of grapes. 7 pp.
Journal of Mycology, vol. 6, no. 3, pp. 89-95.

**GERSTER, LOUIS,** *Vice-Consul.* Pork product of Hungary. 15 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 565-579.

**GILL, THEODORE,** *m. d.* Osteological characteristics of the family Amphipnoidæ. Washington, 1890. 4 pp. 34
U. S. Nat. Mus. Proceedings, v. 13, no. 825.

**GILLETTE, C. P.** Notes on the plum currulio and plum gouger. 3 pp.
Insect Life, v. 3, no. 5, pp. 227-229.

**GILLMAN, HENRY,** *Consul.* Commerce and industries of Palestine. 10 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 683-692.

**GOLD COIN.** Report from the committee on coinage, etc., favoring bill (H. R. 12,226) to make the exchange of gold bars for gold coin discretionary with the Secretary of the Treasury instead of mandatory, and to impose a charge for such exchange. December 20, 1890. 2 pp.
H. R. rep., no. 3330; 51st Cong., 2d sess.

**GOODE, GEORGE BROWN,** *ll. d.* The origin of the National scientific and educational institutions in the United States. 110 pp. 35
Am. Hist. Assoc., Annual rep., 1889, pp. 53-162.

—— Report upon the condition and progress of the U. S. Nat. Museum during 1887–'88. From Smithsonian report, 1888, pt. 2. Washington, 1890. 82 pp. 36
Smithsonian mis. pub., no. 735.

**GOVERNMENT PRINTING OFFICE.** Report from the committee on appropriations to accompany bill (H. R. 12,498) to provide for printing and binding deficiency. December 9, 1890. 3 pp.
H. R. rep., no. 3257; 51st Cong., 2d sess.

**GRANT, LOUIS B.,** *Acting Consul-General.* Petroleum through the Suez canal. 7 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 554-560.

**GREGORY, J. W.** Report as field agent for the middle division, on the artesian well investigation. 28 pp.
Agr'l Dept. Rep. on artesian wells, 1890, pp. 145-172.

**GRIFFIN, G. W.,** *Consul.* The labor strike in Australia. 12 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 671-682.

—— **WALER T.,** *Commercial Agent.* Foreign commerce of France. 2 pp.
U. S. Consular Rep., no. 123; Dec., 1890, pp. 647-648.

—— Agricultural implements in France. 4 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 649-652.

—— New process of firing porcelain. 2 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 711-712.

**HART, C. A.** The life history of wire-worms. (Abstract.) 2 pp.
Insect Life, v. 3, no. 5, pp. 246-247.

**HARVEY, CHARLES T.** Special report on data relating to the maritime canal of Nicaragua and the regions tributary thereto. 20 pp., 12 pl.
Sen. rep., no. 1944; 51st Cong., 2d sess., pp. 36-55.

**HAY, ROBERT.** Report as general field geologist of the artesian well investigation. 16 pp., inc. cuts.
Agr'l Dep. Rep. on artesian wells, 1890, pp. 37-52.

**HEPNER, ADOLPH.** Extraterritorial criminal jurisdiction and its effect on American citizens. Washington, 1890. 45 pp. 37
Sen. mis. doc., no. 211; 51st Cong., 1st sess.

**HICKS, LEWIS E.** Report on the stratigraphy and hydrology of Nebraska (in connection with the artesian well investigation). 16 pp., inc. cuts.
Agr'l Dept. rep. on artesian wells, 1890, pp. 71-86.

**HILL, FRANK D.** *Consul.* Wheat, wool, and cotton in Uruguay. 23 pp.
U. S. Consular Rep., no. 123, Dec., 1890, pp. 595-617.

**HINTON, RICHARD J.** [Report on artesian wells, 1890]. *See* Agr'l Department.

**HIPPISLEY, ALFRED E.** Catalogue of the Hippisley collection of Chinese porcelain, with a sketch of the history of ceramic art in China. From Nat. Mus. report, 1888. Washington, 1890. 105 pp. 38
Smithsonian mis. pub., no. 739.

**HOOGEWERFF, J. A.,** *U. S. N.* Magnetic observations, 1888 and 1889. Washington, 1890. 4°. iv, 1-96 pp., 14 charts. 39
U. S. Naval Obs. observations, 1886, appendix no 1.

**HOT SPRINGS, ARK.** Report of the superintendent of the Hot Springs reservation to the Secretary of the Interior, 1890. Washington, 1890. 21 pp. 40

**HOUGH, WALTER.** Fire-making apparatus in the U. S. Nat. Museum. From Nat. Mus. report, 1888. Washington, 1890. 57 pp., 8 pl. 41
Smithsonian mis. pub. no. 742.

**IDAHO.** Report of the Governor of Idaho to the Secretary of the Interior, 1890. Washington, 1890. 94 pp., map. 42

**IMMIGRATION.** Annual report on immigration, by the chief of the Miscellaneous division, Treasury Department. November 1, 1890. Washington, 1890. 11 pp. 43
Treasury Dept. Doc., no. 1388.

**IMMIGRATION AND NATURALIZATION.** Report of the [H. R.] select committee on; and testimony taken by the committee on immigration of the Senate and select committee of the House. Reported by Mr. Owen. January 15, 1891. Washington, 1891. x, 1–1095 pp. 44
H. R. rep., no. 3472; 51st Cong., 2d sess.

**INDIAN SCHOOLS.** Report of the Superintendent of Indian schools. 1890. Washington, 1891. 32 pp. 45

**INSECT LIFE.** *See* Agricultural Dept., Division of Entomology.

**INTERIOR DEPARTMENT.** Report of the Secretary of the Interior for the fiscal year ending June 30, 1890. Washington, 1890. 162 pp. 46

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Education: preliminary statistics.

—— —— *Same.* No. 18. December 26, 1890. 4°. 26 pp. 54

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Statistics of churches.

—— —— *Same.* No. 19. December 30, 1890. 4°. 23 pp. 55

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—— —— *Same.* No. 22. Jan. 20, 1891. 4°. 9 pp. 58

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—— —— *Same.* No. 26. January 30, 1891. 4°. 6 pp. 62

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—— —— *Same.* No. 27. January 30, 1891. 4°. 6 pp. 63

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Public No. 2. An act to detach the county of Grayson, Texas, from the northern and attach it to the eastern judicial district of said State. Approved December 11, 1890. 1 p.

Public No. 3. An act to authorize the Lake Charles Road and Bridge Company, of Lake Charles, Louisiana, to construct and maintain bridges across English Bayou and Calcasieu River. Approved December 11, 1890. 2 pp.

Public No. 4. An act for the relief of General George Stoneman. Approved December 15, 1890. 1 p.

Public No. 5. An act to amend chapter 1065 of the acts of the first session of the Fiftieth Congress. Approved December 15, 1890. 1 p.

Public No. 6. An act to authorize the payment of drawback or rebate in certain cases. Approved December 15, 1890. 1 p.

Public No. 7. An act to authorize the Commissioners to use and occupy as a site for a truck-house the space at the intersection of Fourteenth and C streets and Ohio avenue north-west. Approved December 15, 1890. 1 p.

Public No. 8. An act for the relief of the trustees of Anacostia Lodge, number 21, Free and Accepted Masons, of the District of Columbia. Approved December 15, 1890. 1 p.

Public No. 9. An act providing for the maintenance of discipline among customs officers. Approved December 18, 1890. 1 p.

Public No. 10. An act to authorize the First National Bank of Fort Benton, Montana, to change its location and name. Approved Deeember 18, 1890. 1 p.

Public No. 11. An act to prevent the spread of scarlet fever and diphtheria in the District of Columbia. Approved December 20, 1890. 2 pp.

Public No. 12. An act to amend section 4426 of the Revised Statutes of the United States, regulation of steam-vessels. Approved December 22, 1890. 1 p.

Public No. 13. An act to provide for the purchase of a site, and the erection of a public building thereon, at Madison, Indiana. Approved December 24, 1890. 2 pp.

Public No. 14. An act to erect a public building at Lima, Ohio. Approved December 24, 1890. 2 pp.

Public No. 15. An act to provide for the construction of a public building at Meridian, Mississippi. Approved December 24, 1890. 2 pp.

Public No. 16. An act to provide for the purchase of a site, and the erection

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of a public building thereon, at Rock Island, Illinois. Approved December 24, 1890. 2 pp.

Public No. 17. An act to provide for the purchase of a site, and erection of a public building thereon, at Racine, Wisconsin. Approved December 24, 1890. 2 pp.

Public No. 18. An act for a public building at Sheboygan, Wisconsin. Approved December 24, 1890. 1 p.

Public No. 19. An act authorizing the city of Albany, in the county of Linn, Oregon, to construct a bridge across the Willamette River, in said State. Approved December 26, 1890. 3 pp.

Public No. 20. An act authorizing the Bowling Green and Northern Railroad Company to bridge Green and Barren Rivers. Approved December 26, 1890. 2 pp.

Public No. 21. An act to provide for the purchase of a site and the erection of a public building thereon at Beatrice, Nebraska. Approved December 27, 1890. 2 pp.

Public No. 22. An act for the erection of a public building at Camden, Arkansas. Approved December 27, 1890. 1 p.

Public No. 23. An act to provide for the erection of a public building in the city of Fargo, North Dakota. Approved December 27, 1890. 1 p.

Public No. 24. An act to provide for the erection of a public building in the city of Norfolk, Virginia. Approved January 2, 1891. 2 pp.

Public No. 25. An act to provide for the purchase of a site, and the erection of a public building thereon, at Taunton, Massachusetts. Approved January 2, 1891. 2 pp.

Public No. 26. An act to provide for the purchase of a site and the erection of a public building thereon at Kansas City, Missouri. Approved January 2, 1891. 2 pp.

Public No. 27. An act providing for a public building in South Bend, Indiana. Approved January 2, 1891. 1 p.

Public No. 28. An act to provide for the erection of a public building at Reidsville, North Carolina. Approved January 2, 1891. 1 p.

Public No. 29. An act for the erection of a public building at Rome, Georgia. Approved January 2, 1891. 1 p.

Public No. 30. An act for the erection of a public building at the city of Bloomington, Illinois. Approved January 5, 1891. 1 p.

Public No. 31. An act to incorporate The King Theological Hall. Approved January 7, 1881. 2 pp.

Public No. 32. An act to supply a deficiency in the appropriation for public printing and binding for the first half of the fiscal year 1891. Approved January 8, 1891. 2 pp.

Public No. 33. An act for the erection of a public building in the city of Pawtucket, Rhode Island. Approved January 12, 1891. 2 pp.

Public No. 34. An act to provide for the construction of a public building in the city of Stockton, California. Approved January 12, 1891. 2 pp.

Public No. 35. An act for the relief of the Mission Indians, California. Approved January 12, 1891. 3 pp.

Public No. 36. An act for the erection of a public building at Newburgh, New York. Approved January 12, 1891. 2 pp.

Public No. 37. An act to provide for the purchase of a site, and the erection of a public building thereon, at Danville, Illinois. Approved January 12, 1891. 2 pp.

Public No. 38. An act to amend section 1225 of the Revised Statutes, concerning details of officers of the Army and Navy to educational institutions. Approved January 13, 1891. 1 p.

Public No. 39. An act for the erection of a public building at Sioux City, Iowa. Approved January 15, 1891. 2 pp.

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Public No. 40. An act for the relief of the inhabitants of the town of Gallup, Bernalillo County, New Mexico. Approved January 16, 1891. 1 p.

Public No. 41. An act to authorize the Treasurer of the United States to receive and keep on deposit funds of the Soldiers' Home in the District of Columbia. Approved January 16, 1891. 1 p.

Public No. 42. An act supplementary to an act entitled "An act to authorize the construction of the Baltimore and Potomac Railroad in the District of Columbia." Approved January 19, 1891. 2 pp.

Public No. 43. An act to enable the Secretary of the Interior to carry out, in part, the provisions of "An act to divide a portion of the reservation of the Sioux Nation of Indians in Dakota into separate reservations and to secure the relinquishment of the Indian title to the remainder, and for other purposes," approved March 2, 1889, and making appropriations for the same. Approved January 19, 1891. 2 pp.

Public No. 44. An act to increase the limit of cost of the public building at Charleston, S. C. Approved January 19, 1891. 1 p.

Public No. 45. An act authorizing the Secretary of War to grant to the trustees of the Maine Insane Asylum, Augusta, Maine, a license to construct a roadway through the United States arsenal grounds, and allow the same to be used by the public. Approved January 19, 1891. 1 p.

Public No. 46. An act to amend sections 1346 and 1348 of the Revised Statutes of the United States, in reference to the visitation and inspection of the military prison and examination of its accounts and government. Approved January 19, 1891. 1 p.

Public No. 47. An act to provide for the erection of a public building in the city of Youngstown, Ohio. Approved January 21, 1891.

Public No. 48. An act for the erection of a public building at Fort Dodge, Iowa. Approved January 21, 1891. 2 pp.

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Public No. 50. An act to provide for the purchase of a site, and the erection of a public building thereon, at Haverhill, Mass. Approved January 21, 1891. 2 pp.

Public No. 51. An act to provide for enlarging the proposed public school building at Savannah, Georgia; the purchase of another site, if practicable, and for the sale of the present site. Approved January 21, 1891. 2 pp.

Public No. 52. An act to provide for the construction of a public building at Portland, Oregon. Approved January 24, 1891. 2 pp.

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Public No. 60. An act to provide for the purchase of a site, and the erection of a public building thereon, at Mankato, Minn. Approved January 27, 1891. 2 pp.

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**LITTLEHALES, GEORGE WASHINGTON.** The average form of isolated submarine peaks, and the interval which should obtain between deep-sea soundings taken to disclose the character of the bottom of the ocean. Washington, 1890. 7 pp., 1 pl., 5 charts. 87

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**MARINDIN, HENRY LOUIS.** Physical geography. Tidal levels and flow of currents in New York bay and harbor. Appendix no. 9, Report [U. S. Coast Survey] for 1888. 4°. Washington, 1890. 6 pp., 12 charts. 91

**MARINE BOARD.** Letter from the Secretary of the Treasury, submitting a bill to establish a marine board for the advancement of the interests of the merchant marine. December 11, 1890. 4 pp.

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—— Report of the Maritime canal company of Nicaragua to the Secretary of the Interior, 1890. Washington, 1890. 17 pp., 6 pl. 93

**MASON, FRANK H.**, *Consul-General.* The electro-technical exhibition at Frankfort. 3 pp.
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**NETTLETON, EDWIN S.** Report as supervising engineer, on the United States irrigation survey. 6 pp., 2 pl.
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**NEWBERRY, JOHN STRONG.** The paleozoic fishes of N. America. Washington, 1890. 4°. 340 pp., 53 pl. 103
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**NEWCOMBE, F. C.** Perennial mycelium of the fungus of blackberry rust. 2 pp., 2 pl.
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**NIBLACK, ALBERT PARKER,** *U. S. N.* The coast Indians of southern Alaska and northern British Columbia. From Nat. Mus. report, 1888. Washington, 1890. 162 pp., 70 pl., 2 charts. 105
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**NICARAGUA CANAL.** *See* Maritime Canal Company.

**OHIO BALLOT-BOX CONTRACT.** Report [and testimony] from the select committee to investigate an alleged contract for furnishing ballot-boxes to the United States. January 13, 1891. 394 pp. 4 pl. 106
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—— Resolution of the Assembly recommending the leasing of public lands held for the benefit of public schools. December 29, 1890. 1 p.
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—— Letter from the Secretary of the Treasury transmitting an estimate of the amount necessary to supply the deficiency for the payment of army and navy pensions for the current fiscal year, of $34,500,000. December 8, 1890. 2 pp.
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**POSTAGE.** Report from the committee on the Post office favoring bill (S. 3464) relating to the rate of postage on returned second-class matter. December, 16, 1890. 3 pp.
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**PRESTON, ERASMUS DARWIN.** Astronomy. Differential method of computing star places. Appendix no. 13, Report [U. S. Coast Survey] for 1888. 4°. Washington, 1890. 8 pp. 110

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**WILSON, THOMAS.** A study of prehistoric anthropology. Hand-book for beginners. From Nat. Mus. report, 1888. Washington, 1890. 75 pp., 19 pl. 226
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**WINLOCK, WILLIAM CRAWFORD.** An account of the progress in astronomy for 1887 and 1888. From Smithsonian report, 1888. Washington, 1890. 94 pp. 227
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**WORLD'S COLUMBIAN EXHIBITION.** Report of the Commission, with accompanying papers. Jan. 16, 1891. 74 pp. 228
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—— Proceedings of the committee of the H. R. appointed to investigate the condition of the World's Fair. [Sessions held at Chicago]. November 14–19, 1890. 90 pp. 229

—— Letter from the Secretary of the Treasury requesting $300,000 for the Government exhibit, for the fiscal year 1891–'92. January 16, 1891. 2 pp.
H. R. ex. doc., no. 177; 51st Cong., 2d sess.

—— Estimate of appropriations submitted by the President of the Exposition for expenditures for the fiscal year 1891'–92. January 16, 1891. 3 pp.
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—— Report from the select committee on quadro-centennial of the discovery of America on the progress of details for holding the exposition, etc. January 17, 1891. 26 pp., 5 pl. 230
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———— Regulations governing the free importation of articles for exhibition at the World's Columbian Exposition at Chicago in 1893. Washington, 1891. 7 pp. 231
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# UNITED STATES GOVERNMENT PUBLICATIONS.

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VOL. VII. WASHINGTON, D. C., FEBRUARY, 1891. No. 2.

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Straits and highways of the world.
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Tariffs of the world.
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Port regulations, light-houses and quarantines of the world.
Lead and zinc mines, and lead and zinc trade.

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—— Report from the committee on agriculture to accompany bill (H. R. 13552) making appropriations for the Department of Agriculture for 1891–92. February 9, 1891, 2pp.
H. R. rep. no. 3746: 51st Cong., 2d sess.

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—— Statements of all purchases of cocoons, and all sales of silk during 1889–90. Also, Fifth annual report of the Ladies' Silk Culture Society of California, and, Annual report of the Woman's Silk Culture Association of the United States for 1889–90. 25pp.
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—— Annual report upon fiber investigations, 1890. By C. R. Dodge. Washington, 1891. 22pp. 241

—— The scientific work of the department in its relations to practical agriculture. By Edwin Willits, Assistant Secretary. Washington, 1891. 18pp. 242

—— Progress report on irrigation in the United States. Part 1. By R. J. Hinton. Washington, 1891. 337pp. 5 plates. *Sep.* 243.
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—— Farmers' Bulletin. No. 3. Culture of the sugar beet. By H. W. Wiley. Washington, 1891. 24pp., inc. cuts. 245

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—— —— *Same.* No. 29. Record of experiments with sorghum in 1890. By H. W. Wiley. Washington, 1891. 125pp., 1 fold. l. 250*a*

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—— **Division of Entomology.** Annual report of the Entomologist (C. V. Riley), 1890. Washington, 1890. 30pp., 7 plates. 251

—— —— Bulletin no. 7. The pediculi and mallophaga affecting man and the lower animals. By Herbert Osborne. Washington, 1891. 56pp., inc. cuts. 252

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—— —— Bulletin No. 23. Reports of observations and experiments in the practical work of the division. Washington, 1891. 83pp. 252*a*

—— —— 24. The boll worm of cotton. A report of progress in a supplementary investigation of this insect. Made by F. W. Mally. Washington, 1891. 50pp. 253

—— Fifth [and final] report of the U. S. Entomological Commission, being a revised and enlarged edition of Bulletin no. 7, on insects injurious to forest and shade trees. By A. S. Packard. Washington, 1890. viii, 1+957pp., 40 plates. *Sep.* 254

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—— —— *Insect Life.* Periodical bulletin; issued March, 1891: vol. 3, no. 6. Washington, 1891. pp. 251–304, 1 plate. 255

—— —— *Same.* Issued April, 1891: vol. 3, no. 7–8, double number. Washington, 1891. pp. 305–358. 256

—— **Division of Forestry.** Fifth annual report of the Chief of the Division (B. E. Fernow), 1890. Washington, 1890. 46pp. 257

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—— **Division of Seeds.** Annual report of the Chief of the division, 1890. Washington, 1890. 12pp.

—— **Division of Statistics.** Twenty-second annual report of the Statistician (J. R. Dodge), 1890. Washington, 1890. 76pp., 3 maps. 292

—— —— Album of agricultural graphics. Values per acre of crops of the United States. Based on results of investigations under the direction of the Statistician. Washington, 1890. obl. fol. 6pp., 10 plates. 263

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—— —— Reports of the bureau of statistics, nos. 70 to 80, 1890. By J. R. Dodge. Washington, 1891. viii, 1–652pp. 264

—— —— Report of the statistician. New series, no. 81. January and February, 1891. Report upon the numbers and values of farm animals, and on freight rates of transportation companies. Washington, 1891. 58pp. 265

—— —— *Same.* New series, no. 82, March, 1891. Report on distribution and consumption of corn and wheat and on freight rates of transportation companies. Washington, 1891. pp. 59–104. 266

—— —— *Same.* New series, no. 83, April, 1891. Report on the condition of winter grain, the condition of farm animals, and on freight rates of transportation companies. Washington, 1891. pp. 105–160. 267

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—— —— *Experiment Station Record.* February-May, 1891, vol. 2, nos. 7-10. Washington, 1891. vi, 309-634pp. 272

—— —— Circular no. 18. List of originators of fruits and vegetables in the U. S. February, 1891. 12pp. 273

—— **Silk Section.** Second annual report of the Chief of the silk section. By Philip Walker, 1890. Washington, 1890. 14pp., 6 plates. 274

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—— Proceedings of a convention in Alaska relative to certain legislative needs of the Territory. January 13, 1891. 3pp.
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—— Communication from the Attorney-General in relation to providing means for the transportation of witnesses and for the arrest of murderers in certain parts of Alaska. January 22, 1891. 2pp.
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—— Report from the committee on military affairs favoring bill (S. 4906) to authorize the Secretary of War to cause an exploration of the interior of Alaska. January 31 and February 11, 1891. 2+9pp.
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—— Memorial of Chamber of Commerce of Seattle praying for a territorial form of government over Alaska. March 3, 1891. 2pp.
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H. R. rep., no. 3744, pts. 1-2; 5th Cong., 2d sess.

—— *Same.* Favoring H. res. 62 to prohibit the manufacture, importation and sale of all alcoholic liquors as a beverage in the United States. February 9, 1891. 2pp.
H. R. Rep, no. 3745; 51st Cong. 2d sess.

—— Hearing before the select committee on the alcoholic liquor traffic (February 19, 1891.) Washington, 1891. 16pp.

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*In* Shakespeare, E. O.: Cholera in Europe and India. 1890. p642.

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—— **W.** Hydro-pneumatic gear for siege and heavy ordnance. [Washington, 1890]. 4°, 33pp., 10 plates. 276
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H. R. rep. no. 3407; 51st Cong., 2d sess.

—— Report from the committee on foreign affairs to accompany bill (H. R. 13069) making appropriations for the diplomatic and consular service for 1891–'92. January 12, 1891. 5pp.
H. R. rep. no. 3415; 51st Cong., 2d sess.

—— Report from the committee on appropriations to accompany bill making appropriations for the sundry civil expenses of the Government for 1891–'92, February 3, 1891. 55pp.
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—— Conference report on the Sundry Civil appropriations bill, 1891–'92. March 2, 1891. 5pp.
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**ARMY REGISTER, 1891.** *See* War Dept., Adjutant General.

**ASSAY COMMISSION.** *See* Treasury Dept., Mint.

**ASSOCIATION OF AM. AGR'L COLLEGES AND EXPERIMENT STATIONS.** Proceedings of the permanent committee on Entomology, at Champaign, Ill., 1890. 27pp.
Insect life, v. 3, no. 6, pp. 258–285.

**ASSOCIATION OF OFFICIAL AGRI'L CHEMISTS.** Proceedings seventh annual convention, August 28–30, 1890. Edited by H. W. Wiley. Washington, 1890. 238pp. 278
Agr'l Dep't, Division of chemistry: Bulletin no. 28.

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**BAGINSKY, ADOLPH, AND STADTHAGEN, MAX.** On poisonous products of safrogenous bacteria. 4°, 3pp.
*In* Shakespeare E. O.; Cholera in Europe and India. 1890. pp. 730–732.

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—— *Same.* Favoring bill (S. 3770) to incorporate the Washington and Arlington Railway Co. December 8, 1890. 4pp.
Sen. rep., no. 1848; 51st Cong., 2d sess.

—— *Same.* Favoring bill (S. 3116) to punish the carrying or selling of deadly or dangerous weapons within the District. December 13, 1890.
H. R. rep., no. 3293; 51st Cong., 2d sess.

—— *Same.* Favoring bill (H. R. 786) providing an official reporter for the supreme court of the District. December, 19, 1890. 1p.
H. R. rep., no. 3324; 51st Cong., 2d sess.

—— *Same.* Favoring bill (S. 1566) for the promotion of anatomical science, etc., in the District. December, 23, 1890. 7pp.
H. R. rep., no. 3347; 51st Cong., 2d sess.

—— Report from the committee on military affairs favoring House res. 240, authorizing the Secretary of War to issue ordinance to the Washington High School. December 12, 1890. 2pp.
H. R. rep., no. 3383; 51st Cong., 2d sess.

—— Report from the committee on appropriations to accompany bill (H. R. 12729) making appropriations for the support of the government of the District for 1891–92. December 16, 1890. 29pp.
H. R. rep., no. 3316; 51st Cong., 2d sess.

**DODGE, CHARLES RICHARDS.** Annual report upon fiber investigations for 1890. From the report of the Secretary of Agriculture for 1890. Washington, 1891. 22pp. 307

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U. S. Consular Reports., no. 126. March, 1891, pp. 377-378.

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Insect Life, nos. 7-8. April, 1891, pp. 322-325.

**EDDY, WM. A.** The Eiffel tower. 8pp.
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**EDWARDS, HENRY:** Birth of a beautiful exotic epidoterous insect in New York. 2pp.
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—— Swine imports into Germany. 1p.
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Agr'l Dept., Progress rep. on irrigation, pp. 223-235.

**ELLIS ISLAND, N. Y.** Letter from the Secretary requesting an appropriation to complete the projected buildings on Ellis Island. (Emigrant station). January 7, 1891. 3pp.
H. R. ex. doc., no. 146; 51st Cong., 2d sess.

**ERICSSON, JOHN.** Report from the committee on foreign affairs favoring H. resolution 264 relating to 354 medals presented by the King of Sweden and Norway to the commander, officers and crew of the *Baltimore*, to commemorate the service of carrying the remains of Ericsson to Sweden. January 8, 1891. 4pp.
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**ERMENGEM, E. VAN.** Researches upon the microbe of Asiatic cholera. (2). New investigations concerning the cholera microbes. 4°. 4pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890. pp. 473-476.

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**EXECUTIVE MANSION.** Report from the committee on public buildings and grounds favoring bill (H. R. 13574) to provide an extension of the mansion. March 2, 1891. 9pp.
H. R. rep., no. 4042; 51st Cong. 2d sess.

**EXPERIMENT STATION RECORD.** [Monthly]. *See* Agricultural Department, Office of experiment stations.

**FAIRFIELD, EDMUND B.**, *Consul.* Macaroni industry of Lyons, France. 1p.
U. S. Consular Reports, no. 125. Feb., 1891, p. 222.

**FARMERS' BULLETIN.** *See* Agricultural Department.

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**FERRAN, JAIME.** Observations on morhology, etiology and prevention of cholera. (The Bréant prize). (2). Supplement to the notes concerning the pathogenic and prophylactic action of the comma bacillus. (3). Another note upon the prophylaxis of cholera by means of hypodermic injections of pure cultures of the common bacillus. (4). A poison generated by the common bacillus. 4°. 5pp., 1 pl.
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—— **AND PAULI** ——. The active principle of the common baccillus as the cause of death and of immunity. (2). Later experiments on the etiology and prophvlaxis of cholera. 4°. 3pp.
*In* Shakespeare, E. O.: Cholera in Europe and India, 1890. pp. 628-630.

**FIEBEGER, G. J.,** *U. S. A.* Report on the improvement of the harbors at Norfolk, Nansemond river, Appomattox river, Currituck sound, etc. Being appendix J., Annual report of the Chief of Engineers, 1890. Washington, 1890. 17pp. 308

**FISHERIES.** Notes of a hearing before the Senate committee on fisheries or bill (S. 227; 49th Cong., 1st sess.) for the protection of fisheries on the Atlantic coast. [Relates menhaden and other fertilizing materials]. January, 15, 1891. 51pp. 309
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—— Report from the committee on commerce as to the desirability of establishing a fish hatchery in southern Louisiana. January 27, 1891. 1p.
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—— *Same.* Favoring bill (H. R. 13070) to establish a fish hatchery in Vermont. January 30, 1891. 2pp.
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—— Report from the committee on fisheries, favoring bill (S. 4960) for the establishment of a fish hatchery in New York, near the St. Lawrence river. January 31, 1891. 1p.
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H. R. rep., no. 3654; 51st Cong., 2d sess.

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**FISK, W. L.** *U. S. A.* Report on inspection of the improvement at the south pass of the Mississippi river. Being appendix S, Annual report of the Chief of Engineers, 1890. Washington, 1890. 14pp., 8 plates. 310

—— Report on improvement of water-courses in Louisiana, improvement of Sabine pass, and of Sabine and Neches rivers. Being Appendix T, Annual report of the Chief of Engineers, 1890. Washington, 1890. 26pp., 4 plates. 311

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**FONTAINE, WILLIAM M., AND KNOWLTON, FRANK HALL.** Notes on triassic plants from New Mexico. From Proceedings of the U. S. Nat. Museum, vol. xiii, pp. 281–285. Washington, 1890. 5pp., 5 plates. 312
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**FORTIFICATIONS.** Report from the committee on appropriations to accompany bill (H. R. 12499) making appropriations for fortifications and other work of defense. December 9, 1890. 22pp.
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**FREEDMAN'S HOSPITAL.** Report to the Secretary of the Interior. C. B. Purvis, m. d., Surgeon-in-chief. 1890. Washington, 1890. 9pp. 313

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H. R. ex. doc., no. 26; 51st Cong., 2d sess.

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**GAMALEIA, M. N.,** *m. d.* Preventive vaccination of Asiatic cholera. (2). The vibrio metschnekori and its relations with Asiatic cholera. (3). On the diarrhœic action of cholera cultures. 4°. 7pp.
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*In* Shakespeare E. O.; Cholera in Europe and India. 1890. pp. 764–765.

GIBSON, CHARLES. Differences in the determination of reverted phosphoric acid by the official method of analysis. 5pp.
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GILL, THEODORE. On the family Ranicipitidæ. From Proceedings of the U. S. Nat. Museum, vol. xiii, pp. 235–238. Washington, 1890. 4pp., 1 plate. 330
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—— The osteological characteristics of the family Simenchelyidæ. From Proceedings of the U. S. Nat. Museum, vol. xiii, pp. 239–242. Washington, 1890. 331
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# UNITED STATES GOVERNMENT PUBLICATIONS.

## MONTHLY CATALOGUE.

VOL. VII. WASHINGTON, D. C., MARCH, 1891. No. 3.

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It is gratifying to be able to state that the following named Government publications, which have been delayed and inquired after for years, have finally been printed:

U. S. Geological Survey, Monograph, vol. 1. 4°.
Bulletin no. 7, Entomological Division, Agricultural Department.
Contributions to North American Ethnology, vol. 2. 4°.
Wheeler's Geographical Survey, west of the 100th meridian, vol. 1. 4°.

Senate mis. doc. no. 2, 49th Congress, 2d session; being Dr. Shakespeare's report on cholera in Europe and India. 4°.

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## List of Documents Ordered to be Printed and Bound by the Fifty-First Congress, in Addition to the Usual Number.

Annual report of the Secretary of Agriculture for 1889. 400,000 copies.

Annual report of the Secretary of Agriculture for 1890. 400,000 copies.

Annual report of the Secretary of Agriculture for 1891. 400,000 copies.

Sixth and seventh annual reports of the Bureau of animal industry for 1889 and 1890. 50,000 copies.

Report of the Department of Agriculture on diseases of the horse. 100,000 copies.

Fifth annual report of the Bureau of labor. 35,000 copies.

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Annual report of the Librarian of Congress for 1889 and 1890. 500 each.

Report on the Mississippi and its forty-four tributaries. By Anderson. 1,000 copies for the Senate.

Hearing before the Senate committee on commerce in relation to the Lake Borgne outlet. 10,000 copies for the House of Representatives.

Report of the select committee on irrigation and reclamation of arid lands, with testimony. In two volumes. 15,000 copies.

*To be continued.*

# CATALOGUE.

## MARCH, 1891.

*Note.*—All the publications described in this volume are octavo in size, unless otherwise mentioned. The word *sep.* indicates that the publication is also issued otherwise than as a Congressional document.

**GILL, THEODORE.** The characteristics of the family of Scatophagoid fishes. From Proceedings of the U. S. Nat. Mus., vol. xiii, pp. 355–360. Washington, 1881. 6pp. 335
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**GILLESPIE, G. L.,** *U. S. A.* Report on the improvement of Hudson river, etc. Removing obstructions in East river and Hellgate. Improvement of entrance of N. Y. harbor. Improvement of rivers and harbors in the vicinity of N. Y. and northern New Jersey. Being Appendix E, Annual report of the Chief of Engineers, 1890. Washington, 1890. 152pp. 336

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**GOLDSCHMIDT, JULIUS,** *Consul-General.* Austrian postal savings banks, telegraph and telephones. 11pp.
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**GOVERNMENT HOSPITAL FOR THE INSANE.** Estimate of an appropriation for additional farm land. December 30, 1890. 2pp.
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**GOVERNMENT PRINTING OFFICE.** Report of the commission to select a site for the Government Printing office. December, 10, 1890. 20pp.
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—— Senator Cameron's resolution relative to the proposed site of the Government Printing office. December 2, 1890. 1p.
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—— Report from the committee on printing, as to the location, etc., of the proposed new printing office building. [With testimony]. February 26, 1891. 151pp, 3 plates.
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—— Estimate for an additional appropriation for the removal and storage of certain material. February 9, 1891. 1p.
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**GREGORY, J. W.** Progress report of artesian and underflow investigation of the central division of the great plains. 1890. 4pp.
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**GRIFFIN, G. W.** Iron and hardware industry of Australia. 10pp.
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——Australian-Canadian mail communication. 5pp.
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**GRUBER, MAX.** Bactereological investigations of suspected cases of cholera under difficult conditions. 4°, 2pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890. pp. 573-574.

**GUANO ISLANDS.** Report from the committee on ways and means favoring bill (S. 3782) to suspend sec. 5574 of the Rev. Stats., in relation to the Guano islands. March 2, 1891. 1p.
H. R. rep. no. 4040; 51st Cong., 2d sess.

**GUTTSTADT, ALBERT.** The national scientific institutions of Berlin. Translated by G. H. Boehmer. From Smithsonian report for 1889. Washington, 1891. 58pp. 338
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—— Report on the improvement of the Potomac river at Washington; construction of bridge across the eastern branch of the Potomac at Washington. Being appendix K, Annual report of the Chief of Engineers, 1890. Washington, 1890. 24pp., 3 plates. 340

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**HAND-BOOK—BOOK OF AMERICAN REPUBLICS.** *See* State Department.

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—— The progress of science as exemplified in the art of weighing and measuring. From Smithsonian report, 1888. Washington, 1890. 29pp. 344
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**HAWAIIA.** Report from the committee on ways and means favoring bill (H. R. 12333) to provide that the treaty with Hawaiia shall not be impaired by the tariff act of 1890. January 13, 1891. 1p.
H. R. rep. no. 3422; 51st Cong., 2d sess.

**HAY, ROBERT.** Progress report of artesian and underflow investigation, 1890. 8pp., 1 plate.
Agr'l Dept., Progress rep. on irrigation. pt. 1, pp. 137-144.

**HEENAN, THOMAS E.,** *Consul.* Flax culture in Russia. 6pp.
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Smithsonian report, 1889, pp. 527-540.

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Agr'l Dept., Progress rep. on irrigation, pp. 213-222.

**HINNEN, JOHN E.,** *Vice-Consul.* Swiss exports to the United States. 2pp.
U. S. Consular Reports, no. 126, March, 1891. pp. 437-428.

**HINTON, RICHARD J.** Progress report on irrigation in the United States. Part 1. Prepared under the direction of the Secretary of Agriculture. Washington, 1891. 337pp., 5 plates. 345
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——Report of the special agent in charge of the artesian and underflow investigations and of the irrigation inquiry. Washington, 1890. 2pp., 1 map. 346

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**HOUSTON, DAVID C.**, *U. S. A.* Report on the sea-wall at David's island, N. Y. Sea-wall at Governor's island, N. Y. Being appendix no. 1. Annual report of the Chief of Engineers, 1890. Washington, 1890. 6pp. 347

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**HUPPE, F.** Bactereological investigations concerning etiology of cholera. (2). Progress in the knowledge of the cause of Asiatic cholera. 4°. 2pp.
*In* Shakespeare, E. O.: Cholera in Europe and India, 1890, pp. 574-575.

**HUSTON, H. A.** Notes on the analysis of cattle feeds. 4pp.
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—— Action of ammonic citrate on high-grade aluminic phosphate. Discussion. 12pp.
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**HYDROGRAPHIC BULLETIN.** [Weekly]. *See* Navy Department Bureau of Navigation, Hydrographic office.

**IDAHO.** Report from the committee on privileges and elections favoring the credentials of G. L. Shoup and W. J. McConnell as senators from Idaho. January 5, 1891. 1p.
Sen. rep., no. 1904; 51st Cong., 2d sess.

—— *Same.* Recommending that action be deferred in the case of F. T. Dubois. January 5, 1891. 1p.
Sen. rep., no. 1905; 51st Cong., 2d sess.

—— Communication from Messrs. Clagett and De Lamar transmitting protest of the legislature of Idaho against allowing F. T. Dubois to take his seat in the U. S. Senate. January 10, 1891. 27pp.
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—— Memorial of W. H. Claggett, claiming to be elected a senator from Idaho, etc. February 27, 1891. 46pp.
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**IDDINGS, JOSEPH PAXON.** On a group of volcanic rocks from the Tewan mountains, New Mexico, and on the occurrence of primary quartz in certain basalts. Washington, 1890. 34pp. 349
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IMMIGRATION. Report from the committee on the judiciary favoring bill (H. R. 58) to regulate immigration and amend the naturalization laws of the United States. February 14, 1891. 9pp.
H. R. rep. no. 3808; 51st Cong., 2d sess.

—— Report from the select committee on immigration to accompany bill (H. R. 13586) to amend various acts relative to immigration and the importation of aliens under contract. February 14, 1891. 8pp.
H. R. rep., no. 3807; 51st Cong., 2d sess.

—— Report [and supplemental report, with certain testimony] from the committee on immigration to accompany bill (S. 5035) amending various acts relative to immigration and aliens. February, 9 and 21, 1891. 554pp.
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—— *Same.* Concerning the treatment of immigrants at the port of New York. February, 18, 1891. 2pp.
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—— Chinese immigration. Report [and testimony] submitted by the select committee on immigration and naturalization. [Part 2; being an investigation of Chinese immigration]. March 2, 1891. 594pp. 350
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INDIAN DEPREDATIONS. Letter from the Secretary of the Interior transmitting a schedule of Indian depredation claims which have been investigated for the fiscal year ending June 30, 1890. 27pp.
H. R. ex. doc., no. 277; 51st Cong., 2d sess.

INSECT LIFE. *See* Agr'l Dep't, Division of entomology.

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—— —— Index of patents relating to electricity. Embracing patents issued in the United States Patent office from July 1, 1887 to June 30, 1888. Appendix no. 7. Washington, 1889. 62pp. 396

—— —— *Same.* For 1888–89. Appendix no. 8. Washington, 1890. 78pp. 397

—— —— *Same.* For 1889–90. Appendix no. 9. Washington, 1891. 90pp. 398

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—— —— Communication from the commissioner as to weight given by lay testimony in pension cases. February 25, 1891. 2pp.
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— No. 63. An act making an appropriation for the construction of new buildings and the enlargement of the military post at Plattsburg, N. Y. Approved February 7, 1891. 1p.

— No. 64. An act making an apportionment of Representatives in Congress among the several States under the eleventh census. Approved February 11, 1891. 2pp.

— No. 65. An act to prohibit the sale of tobacco to minors under sixteen years of age in the District of Columbia. Approved February 7, 1891. 1p.

— No. 66. An act to authorize the Norfolk and Western Railroad Company to bridge the Tug Fork of the Big Sandy River at certain points, where the same forms the boundary line between West Virginia and Kentucky. Approved February 9, 1891. 2p.

— No. 67. An sct to amend sections 1216 and 1285 of the Revised Statutes relative to certificates of merit to enlisted men of the Army. Approved February 9, 1891. 1p.

— No. 68. An act to authorize the construction of a bridge across the Cumberland River for the use of the Chesapeake and Nashville Railway. Approved February 9, 1891. 2pp.

— No. 69. An act to provide for the purchase of a site, and the erection of a public building thereon, at Columbus, Georgia. Approved February 9, 1891. 2pp.

— No. 70. An act to provide for the purchase of a site, and the erection of a public building thereon, at Rockford, Illinois. Approved February 9, 1891. 2pp.

— No. 71. An act further to prevent counterfeiting or manufacture of dies, tools, or other implements used in counterfeiting, and providing penalties therefor, and providing for the issue of search warrants in certain cases. Approved February 10, 1891. 2pp.

— No. 72. An act to amend an act entitled "An act to regulate commerce," approved February 4, 1887. Approved February 10, 1891. 2pp.

— No. 73. An act granting to the Umatilla Irrigation Company a right of way through the Umatilla Indian Reservation. Approved February 10, 1891. 2pp.

— No. 74. An act to amend sections 4683 and 5486 of the revised Statutes. Approved February 10, 1891. 1p.

— No. 75. An act to provide for an additional associate Justice of the supreme court of Arizona. Approved February 11, 1891. 1p.

— No. 76. An act to approve for the disposal of the abandoned Fort Ellis military reservation in Montana under the homestead law, and for other purposes. Approved February 12, 1891. 1p.

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— No. 77. An act to authorize the construction of a tunnel under the bay of New York, between the town of Middletown, in the county of Richmond, and the town of New Utrecht, in the county of Kings, and to estblish the same as a post-road. Approved February 13, 1891. 2pp.

— No. 78. An act to ratify and confirm agreement with the Sac and Fox nation of Indians, and the Iowa tribe of Indians, of Oklahoma Territory, and to make appropriations for carrying out the same. Approved February 13, 1891. 11pp.

— No. 79. An act to increase the appropriation for the erection of a public building at Portsmouth, Ohio. Approved February 13, 1891. 1p

— No. 80. An act authorizing the construction of railway, street railway, motor, wagon, and pedestrian bridge over the Missouri River near Council Bluffs, Iowa, and Omaha, Nebraska. Approved February 13, 1891. 1p.

— No. 81. An act to give consent of Congress to the construction of a bridge over Duck River in Humphreys County, Tennessee. Approved February 13, 1891. 1p.

— No. 82. An act to promote the construction of a safe deep-water harbor on the coast of Texas. Approved February 9, 1891. 2pp.

— No. 83. An act for the erection of a public building at Saint Paul, Minnesota. Approved February 16, 1891. 2pp.

— No. 84. An act to transfer officers on the retired list of the army from the limited list to the unlimited. Approved February 16, 1891. 1p.

— No. 85. An act to for continuing the erection of the public building at Worcester, Massachusetts. Approved February 16, 1891. 1p.

— No. 86. An act for the construction and completion of suitable school buildings for Indian industrial schools in Wisconsin and other States. Approved February, 1891. 1p.

— No. 87. An act to amend an act entitled an act to forfeit certain lands heretofore granted for the purpose of aiding in the construction of railroads, and for other purposes. Approved February 18, 1891. 1p.

— No. 88. An act to provide for the selection of a site for a military post at San Diego, California. Approved February 21, 1891. 1p.

— No. 89. An act to amend act authorizing Choctow Coal and Railway Company to construct road through Indian Territory. Approved February 21, 1891.

— No. 90. An act to amend section 4178, Revised Statutes, in relation to the marking of vessels' names at bow and stern; and also to provide for the marking the draft. Approved February 21, 1891. 1p.

— No. 91. An act to constitute Nashville, Tennessee, a port of delivery, and for other purposes. Approved February 21, 1891. 1p.

— No. 92. An act to facilitate the collection of commercial statistics required by section two of the river and harbor appropriation act of 1866 and 1867. Approved February 21, 1891. 1p.

— No. 93. An act amending the act of July 20th, 1882, dividing the State of Iowa into two judicial districts. Approved February 24, 1891. 1p.

— No. 94. An act making appropriations for fortifications and other works of defense, for the armament thereof, for the procurement of heavy ordnance for trial and service, and for other purposes. Approved February 24, 1891. 4pp.

— No. 95. An act making appropriations for the support of the army for the fiscal year ending June 30, 1892, and for other purposes. Approved February 24, 1891. 11pp.

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— No. 96. An act for the erection of a public building in the city of Roanoke, Roanoke County, Virginia. Approved February 24, 1891. 2pp.

— No. 97. An act to authorize the construction of a bridge across the Saint Louis River between Wisconsin and Minnesota. Approved February 24, 1891. 3pp.

— No. 98. An act fixing the salaries of the several judges of the United States district courts at five thousand dollars per annum. Approved February 24, 1891. 1p.

— No. 99. An act to authorize the Kansas and Arkansas Valley Railway to construct and operate additional lines of railway through the Indian Territory. Approved February 24, 1891. 5pp.

— No. 100. An act for the relief of settlers upon certain lands in the State of Iowa. Approved February 24, 1891. 1p.

— No. 101. An act for the erection of a public building at Richmond, Kentucky. Approved February 24, 1891. 1p.

— No. 102. An act to amend an act entitled "An act for the construction of a bridge at South Saint Paul, Minnesota." Approved February 24, 1891. 1p.

— No. 103. An act granting right of way to the Junction City and Fort Riley Street Railway Company into and upon the Fort Riley military reservation in the State of Kansas. Approved February 27, 1891. 1p.

— No. 104. An act to incorporate the Washington and Arlington Railway Company of the District of Columbia. Approved February 28, 1891. 6pp.

— No. 105. An act to amend and further extend the benefits of the act approved February 8, 1887, entitled "An act to provide for the allotment of land in severalty to Indians on the various reservations, and to extend the protection of the laws of the United States over the Indians, and for other purposes." Approved February 28, 1891. 2pp.

— No. 106. An act to amend sections 2275 and 2276 of the Revised Statutes of the United States providing for the selection of lands for educational purposes in lieu of those appropriated for other purposes. Approved February 28, 1891. 2pp.

— No. 107. An act to prohibit the granting of liquor licenses within one mile of the Soldiers Home. Approved February 28, 1891. 1p.

— No. 108. An act to authorize the building of a railroad bridge at Little Rock, Arkansas. Approved March 21, 1891. 2pp.

— No. 109. An act to detach the county of Logan, Ohio, from the northern and attach it to the southern judicial district of said State. Approved March 2, 1891. 1p.

— No. 110. An act making appropriations for the naval service for the fiscal year ending June 30, 1892, and for other purposes. Approved March 2, 1891. 19pp.

— No. 111. An act making appropriations for the support of the Military Academy for the fiscal year ending June 30, 1892. Approved March 2, 1891. 7pp.

— No. 112. An act to credit and pay to the several States and Territories and the District of Columbia all moneys collected under the direct tax levied by the act of Congress approved August 5, 1861. Approved March 2, 1891. 2pp.

— No. 113. An act to prevent bookmaking and pool-selling in the District of Columbia. Approved March 2, 1891. 1p.

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— No. 114. An act to amend an act entitled "An act for the relief of certain volunteer and regular soldiers of the late war and the war with Mexico," approved March 2, 1889. Approved March 2, 1891. 1p.

— No. 115. An act dedicating part of lots fourteen and fifteen, in square 812, as a public alley. Appproved March 21, 1891. 1p.

— No. 116. An act authorizing the Commissioners to grant to the Veteran Volunteer Firemen's Association use of certain property in the city of Washington. Approved March 2, 1891. 1p.

—No. 117. An act to authorize the Rapides Bridge Company, limited, to construct and maintain a bridge across Red River at or near Alexandria, Louisiana. Approved March 21, 1891. 2pp.

— No. 118. An act to establish circuit courts of appeals and to define and regulate in certain cases the jurisdiction of the courts of the United States, and for other purposes. Approved March 3, 1891. 5p.

— No. 119. An act to provide American registers for the steamers Montauk and Mineola. Became a law without the approval of the President. 1p.

— No. 120. An act to provide for ocean and mail service between the United States and foreign ports, and to promote commerce. Approved March 3, 1891. 3pp.

— No. 121. An act granting the right of way to the Metropolitan Southern Railroad Company through the property of the United States in Montgomery County, Maryland. Approved March 3, 1891. 1p.

— No. 122. An act to provide for the safe transport and humane treatment of export cattle from the United States to foreign countries. Approved March 3, 1891. 1p.

— No. 123. An act giving the consent of the United States to the erection of a bridge across Portage Lake, Houghton County, Michigan, between the villages of Houghton and Hancock. Approved March 3, 1891. 2pp.

— No. 124. An act authorizing the Lexington Pontoon Bridge Company to construct and maintain a pontoon bridge across the Missouri River, at the city of Lexington, in Missouri. Approved March 3, 1891. 1p.

— No. 125. An act to amend the charter of the Rock Creek Railway Company of the District of Columbia Approved March 3, 1891. 1p.

— No. 126. An act to make Enfield, Connecticut, a port of delivery in the district of Hartford. Approved March 3, 1891. 1p.

— No. 127. An act to authorize the building of a bridge at Van Buren, Arkansas, across the Arkansas River. Approved March 3, 1891. 2pp.

— No. 128. An act to provide for the purchase of the site and the erection of a public building thereon at Philadelphia, in Pennsylvania. Approved March 3, 1891. 1p.

— No. 129. An act to provide for the examination and survey of a breakwater to form a harbor of safety and refuge in Lynnhaven Bay, near Cape Henry, at the foot of Chesapeake Bay, Virginia. Approved March 3, 1891.

— No. 130. An act for the erection of United States prisons and for the imprisonment of United States prisoners, and for other purposes. Approved March 3, 1891. 2pp.

— No. 131. An act to authorize the construction of a bridge across the Eastern Branch of the Potomac River at the Bennings Road, in the District of Columbia. Approved March 3, 1891. 1p.

LAWS—PUBLIC—*Continued.*

— No. 132. An act relating to junk dealers, dealers in second-hand personal property, and pawnbrokers in the District of Columbia. Approved March 3, 1891. 1p.

— No. 133. An act authorizing sale of title of United States in lot three, in square south of square 990. Approved March 3, 1891. 1p.

— No. 134. An act to regulate the granting of leases at Hot Springs, Arkansas, and for other purposes. Approved March 3, 1891. 3pp.

— No. 135. An act relating to the treaty of reciprocity with the Hawaiian Islands. Approved March 3, 1891. 3pp.

— No. 136. An act to authorize the Fort Gibson, Tahlequah and Great Northeastern Railway Company to construct and operate a railway through the Indian Territory. Approved March 3, 1891. 3pp.

— No. 137. An act to define the jurisdiction of the police court of the District of Columbia. Approved March 3, 1891. 3pp.

— No. 138. An act for the erection of a new customhouse in the city of New York and for other purposes. Approved March 3, 1891. 2pp.

— No. 139. An act to provide for the adjudication and payment of claims, arising from Indian depredations. Approved March 3, 1891. 2pp.

No. 140. An act to establish a court of private land claims, and to provide for the settlement of private land claims in certain States and Territories, Approved March 3, 1891. 9pp.

— No. 141. An act making appropriations to supply deficiencies in the appropriations for the fiscal year ending June 30, 1891, and for prior years, and for other purposes. Approved March 3, 1891. 51pp.

— No. 142. An act making appropriations for the legislative, executive, and judicial expenses of the Government for the fiscal year ending June 30, 1892. Approved March 3, 1891. 45pp.

— No. 143. An act making appropriations for sundry civil expenses of the Government for the fiscal year ending June 30, 1892, and for other purposes. Approved March 3, 1891. 45pp.

— No. 144. An act making appropriations for the current and contingent expenses of the Indian Department, and for fulfilling treaty stipulations with various Indian tribes, for the year ending June 30, 1892, and for other purposes. Approved March 30, 1891. 61pp.

— No. 145. An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1891. Approved March 3, 1891. 10pp.

— No. 146. An act making appropriations for the diplomatic and consular service of the United States for the fiscal year ending June 30, 1892. Approved March 3, 1891. 11pp.

— No. 147. An act making an appropriation to provide for the expenses of the government of the District of Columbia for the fiscal year ending June 30, 1892, and for other purposes. Approved March 3, 1891. 10pp.

— No. 148. An act making appropriations for the service of the Post-Office Department for the fiscal year ending June 30, 1892. Approved March 3, 1891. 3pp.

— No. 149. An act making appropriations for the payment of invalid and other pensions of the United States, for the fiscal year ending June 13, 1892, and for other purposes. Approved March 3, 1891. 2pp.

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— No. 150. An act authorizing the Secretary of the Treasury, in his discretion, to suspend for a period of one year from March 29, 1891, the provisions of an act approved March 2, 1889, entitled "An act to amend sections 4488 and 4489, of the Revised Statutes, requiring life-saving appliances on steamers," so far as they relate to steamers plying exclusively upon any of the lakes or bays of the United States. Approved March 3, 1891. 2pp.

— No. 151. An act to revise the wages of certain employees in the Government Printing Office. Approved March 3, 1891. 1p.

— No. 152. An act in amendment to the various acts relative to immigration and the importation of aliens under contract or agreement to perform labor. Approved March 3, 1889. 4pp.

— No. 153. An act to establish certain ports of delivery in Alaska Territory. Approved March 3, 1891. 1p.

— No. 154. An act authorizing the Coos Bay, Roseburgh and Eastern Railway and Navigation Company, in the county of Coos, State of Oregon, to construct a bridge across the Coal Band Slough, in said State. Approved March 3, 1891. 2pp.

— No. 155. An act authorizing the construction of a railway upon the Government reservation at Fort Monroe, Virginia. Approved March 3, 1891. 1p.

— No. 156. An act to provide for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate commerce. Approved March 3, 1891. 2pp.

— No. 157. An act granting to the Missoula and Northern Railroad Company the right of way through the Flathead Indian Reservation in Montana. Approved March 3, 1891. 2pp.

— No. 158. An act to provide for the purchase of a site, and the erection of a public building thereon, at Clarksville, in the State of Tennessee. Approved March 3, 1891. 2pp.

— No. 159. An act to incorporate the National Conservatory of Music of America. Approved March 3, 1891. 1p.

— No. 160. An act to amend section 8 of an act approved March 3, 1891, entitled "An act to repeal timber culture laws and for other purposes. Approved March 3, 1891. 1p.

— No. 161. An act to provide for the purchase of a site, and the erection of a public building thereon, at Saginaw, in the State of Michigan. Approved March 3, 1891. 2pp.

— No. 162. An act to repeal timber culture laws, and for other purposes. Approved March 3, 1891. 9pp.

— No. 163. An act to amend section 4787, of the Revised Statutes of the United States. Approved March 3, 1891. 1p.

— No. 164. An act to provide for the payment of bonds of the District of Columbia falling due July 1, 1891, and July 1 and 26, 1892. Approved March 3, 1891. 2pp.

— No. 165. An act for the protection of the lives of miners in the Territories. Approved March 3, 1891. 3pp.

— No. 166. An act to amend title 60, chapter 3, of the Revised Statutes of the United States, relating to copyrights. Approved March 3, 1891. 4pp.

— No. 167. An act to create a new division in the northern judicial district of Georgia. Approved March 3, 1891. 1p.

**LAY, R. G.**, *Consul-General.* Consignment shipments to Canada. 1p.
U. S. Consular Reports, no. 124. Jan., 1891, p. 36.

**LIBRARY OF CONGRESS.** Communication from the Chief of Engineers transmitting a report on the construction of the building for the Library of Congress. December 1, 1890. 4pp., 1 plate.
H. R. mis. doc., no. 4; 51st Cong., 2d sess.

**LINDEN STEEL WORKS.** Letter from the Secretary of the Navy transmitting report upon the alleged counterfeit stamping of test pieces of steel plate at the Linden Steel Works. March 3, 1891. 58pp.
Sen. ex. doc., no. 75; 51st Cong., 2d sess.

**LIVERMORE, WILLIAM R.,** *U. S. A.* Report on the improvement of harbors and rivers on the southern coast of Massachusetts and Rhode Island and Connecticut. Being appendix C, Annual report of the Chief of Engineers, 1890. Washington, 1890. 50pp. 413

**LODGE, OLIVER J.** The modern theory of light. 4pp. 414
Smithsonian mis. pub., no. 779.

**LOTTERIES.** Memorial of the Presbyterian clergy of New Orleans for an amendment to the constitution to prohibit lotteries. February 3, 1891. 4pp.
Sen. mis. doc., no. 57; 51st Cong., 2d sess.

—— Memorial of the Nat. Farmers' Alliance for an amendment to the constitution to prohibit lotteries. February 4, 1891. 4pp.
Sen. mis. doc., no. 59; 51st Cong., 2d sess.

**LOUGHEY, R. W.,** *Consul.* The interoceanic (Mexican) railway. 1p.
U. S. Consular Reports, no. 125. Feb., 1891, pp. 198.

**LOVERING, JOSEPH A.** Michelson's recent researches on light. From Smithsonian report for 1889. Washington, 1891. 21pp. 415
Smithsonian mis. pub., no. 780.

**LOWENTHAL, W.** Biological and therapeutic experiments upon cholera. 4°. 2pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890, pp. 631-632.

**LUCAS, FREDERICK AUGUSTUS.** Notes on the osteology of the Paridæ, Sitta and Chamæa. Washington, 1890. 9pp., 1 plate. 416
U. S. Nat. Mus. Proceedings, v. xiii, pp. 337-345. [No. 830.]

**LUPTON, N. T.** Report on potash. 4pp.
Agr'l Dept., Division of chemistry: Bulletin no. 28, pp. 68-71.

**LUVAS, J. C.** Asiatic cholera in the pig. 4°. 1p.
*In* Shakespeare, E. O.: Cholera in Europe and India, 1890. pp. 658.

**McDOWELL, A. C.,** *Consular Agent.* Commerce and industries of Piræus. 4pp.
U. S. Consular Reports, no. 125. March, 1891, pp, 345-348.

**McKINNEY, H. G.** Notes on the experience of other countries in the administration of their water supply. 7pp.
Agr'l Dept., Progress rep. on irrigation. pp. 261-267.

**MACLEOD, NEIL, AND MILLES, WALTER J.** An inquiry into the causation of Asiatic cholera in Shanghai. 4°. 14pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890, pp. 607-620.

**MALLY, F. W.** The boll worm of cotton. A report of progress in a supplementary investigation of this insect. Washington, 1891. 50pp. 417
Agr'l Dept., Division of entomology: Bulletin no. 24.

**MANSFIELD, S. M.,** *U. S. A.* Report on improvement of rivers and harbors in Massachusetts. Being appendix B, Annual report of the Chief of Engineers, 1890. 72pp., map. 418

**MARAGLIANO, EDOARDO.** The means of protecting the public from cholera, especially by land and maritime quarantine, in the light of the experience of Italy during the last epidemic. 4°. 19pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890, pp. 825-843.

**MARCOU, JULES.** Derivation of the name America. From the Smithsonian report, 1890. 27pp. 419
Smithsonian mis. pub., no. 760.

**MARINE BOARD.** Report from the committee on merchant marine, etc., favoring bill (H. R. 12713) to establish a marine board. February 5, 1891. 2pp.
H. R. rep., 3711; 51st Cong., 2d sess.

**MARITIME CANAL COMPANY OF NICARAGUA.** [List of stockholders of the Maritime Canal Company, and of the Nicaraugua Canal Construction Company; and copy of contracts.] 6pp.
Sen. rep., no. 2234; 51st Cong., 2d sess.

**MARIX, A.,** *U. S. N.* Organization of the military and naval forces of Victoria. 25pp.
Melbourne Centennial Exhibition, 1888. pp. 379-403.

**MARLATT, C. L.** The Xanthium trypeta. 2pp.
Insect Life, nos. 7-8. April, 1891, pp. 312-313.

**MARRATT, IRVING J.,** *Consul.* Greek mining and metallurgy. 17pp.
U. S. Consular Reports, no, 124, Jan., 1891, pp. 20-36.

**MARRONE, IGNOZIO,** *Consular Agent.* Macaroni in Trapani 2pp.
U. S. Consular Reports, no. 125, Feb., 1891, pp. 221-222.

**MARTEN, JOHN.** New notes on the life history of the Hessian fly. 2pp.
Insect life, v. 3, no. 6, pp. 265-266.

**MASON, FRANK H.,** *Consul-General.* Game preservation in Germany. 8pp.
U. S. Consular Reports, no. 125, Feb., 1891, pp. 261-268.

—— **OTIS TUFTON.** An account of the progress of anthropology for 1887 and 1888. From Smithsonian report, 1888. Washington, 1890. 88pp. 420
Smithsonian mis. pub., no. 755.

**MASON, OTIS TUFTON**—*Continued.*

—— An account of the progress in anthropology for 1889. From Smithsonian report for 1889. Washington, 1891. 8pp. 421
Smithsonian mis. pub., no. 782.

**MATHEWS, F. A.**, *Consul-General.* Commerce industries of Morocco. 9pp.
U. S. Consular Reports, no. 125, Feb., 1891, 173-181.

**MAXWELL, WALTER.** On the methods of estimation of the fatty bodies in vegetable organisms. 3pp.
Agr'l Dept., Division of chemistry: Bulletin, no. 28, pp. 94-96.

—— Notes on sugar-beet culture in France and Germany. 14pp.
Agr'l Dept., Division of chemistry: Bulletin, no. 31, pp. 89-93.

**MELBOURNE CENTENNIAL INTERNATIONAL EXHIBITION.** Reports of the United States Commissioners to the centennial international exhibition at Melbourne, 1888. Washington, 1889. 452pp., 11 plates. 422

**MERRIAM, CLINTON HART.** Birds which feed on mulberries. 1p.
Agr'l Dep't, Annual report, 1890, p. 285.

**MERRILL, SAMUEL J.**, *Consul-General.* Linseed in India. 4pp.
U. S. Consular Reports, no. 126, March, 1891, pp. 341-344.

—— Rice in India. 2pp.
U. S. Consular Reports, no. 126, March, 1891, pp. 381-382.

**MERRY, THOMAS B.** Report on inland navigation of Australia. 8pp.
Melbourne Centennial Exhibition, 1888, pp. 229-236.

—— Report on mines of Australia. 8pp.
Melbourne Centennial Exhibition, 1888, pp. 237-244.

—— Report on viticulture and wines of Australia. 3pp.
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—— Report on irrigation in Australia. 4pp.
Melbourne Centennial Exhibition, 1888, pp. 291-294.

**MILITIA.** Abstract of the militia force of the United States. February 4, 1891. 6pp.
Sen. ex. doc., no. 48; 51st Cong., 2d sess.

**MILLER, R. L.** Report on the tobacco of Australia. 26pp.
Melbourne Centennial Exhibition, 1888, pp. 261-286.

—— **SAMUEL FREEMAN.** Proceedings of the bench and bar of the Supreme Court of the United States *in memoriam* Samuel F. Miller. Washington, 1891. 91pp., portrait. 423

—— **W. D.**, *m. d.* A comma bacillus in the human mouth. (2) Knowledge of the parasitic diseases of the mouth and teeth. 4o. 3pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890. pp. 579-581.

**MISSISSIPPI RIVER LEVEES.** Report from the committee on levees and improvements of the Mississippi favoring bill (H. R. 12168) to repair and build the levees, etc. January 24, 1891. 14pp.
H. R. rep., no. 3598; 51st Cong., 2d sess.

**MISSISSIPPI RIVER LEVEES**—*Continued.*

—— Testimony taken in connection with bill to repair and build the levees of the Mississippi, etc. January 6–9, 1891. Washington, 1891.

**MONTHLY WEATHER REVIEW.** *See* War Department, Signal office.

**MOORE, JOHN B.** History and digest of the international arbitrations to which the U. S. was a party. Report from the committee on printing, favoring publication. March 2, 1891. 2pp.
Sen. rep., no. 2589; 51st Cong., 2d sess.

**MULLER, A.,** *Ph. D.* Memoir of Heinrich Leberecht Fleischer. Translated. 19pp.
Smithsonian report, 1889, pp. 507–525.

**MURTFELDT, MARY E.** Entomological notes for the season of 1890. 12pp.
Agr'l Dept., Division of entomology: Bulletin, no. 23, pp. 45–56.

**NASEY, GEORGE B.** Report on land laws in Australia. 14pp.
Melbourne Centennial Exhibition, 1888, pp. 197–210.

**NATIONAL ACADEMY OF SCIENCES.** Report for the year 1889. Washington, 1891. 69pp. *Sep.* 424
*Note.*—Appendix D is an account of the trust funds of the Academy and distribution of the income.

—— Same. For the year 1890. Washington, 1890. 37pp. *Sep.* 425
Sen. mis. doc., no. 60; 51st Cong., 2d sess.
*Note.*—Appendix D is Preliminary report on the investigation of the north magnetic pole.

**NATIONAL BANKS.** The national bank act and other laws relating to national banks, from the Revised Statutes of the U. S., with amendments and additional acts. Compiled under the direction of the Comptroller of the Currency. Washington, 1890. 126pp. 426
Treasury Dept. doc., no. 1382.

**NATIONAL BAR ASSOCIATION.** Memorial for the relief of litigants in the federal courts. December, 4, 1890. 2pp.
Sen. mis. doc., no. 8; 51st Cong., 2d sess.

**NATIONAL BOARD OF TRADE.** Resolution favoring the construction of levees on the Mississippi. December 10, 1890. 1p.
Sen. mis. doc., no. 19; 51st Cong., 2d sess.

**NATIONAL CONSERVATORY OF MUSIC.** Report from the committe on the District of Columbia, favoring bill (H. R. 12444) to incorporate the National Conservatory of Music of America. January 9, 1891. 1p.
H. R. rep., no. 3402; 51st Cong., 2d sess.

**NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS.** Report from the committee on military affairs to accompany H. res. 217, for the appointment of Gen. James Barnett as a member of the board of managers. February 3, 1891. 1p.
H. R. rep., no. 3669; 51st Cong., 2d sess.

# UNITED STATES GOVERNMENT PUBLICATIONS.

## MONTHLY CATALOGUE.

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Supplement of the Revised Statutes of the United States, embracing general laws from 47th to 51st Congress.

Supplement to the Digest of International Law, by Francis Wharton; containing diplomatic correspondence of the American Revolution. To be continued by Mr. J. B. Moore, literary executor of Dr. Wharton.

Report of the Board of Engineers to make an examination of the N. W. coast of the Gulf of Mexico, to determine points for improvements for the admission of ocean-going vessels of greatest draught. 4,500 copies.

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Pension Office Decisions, vols. 3, 4, 5. 1,000 each, to be sold by the Department of the Interior, and one copy for each member of the 51st Congress.

Digest of claims referred by Congress to the Court of Claims under the Bowman act of 1883. 500 copies.

*To be continued.*

# CATALOGUE.

## APRIL, 1891.

*Note.*—All the publications described in this volume are octavo in size, unless otherwise mentioned. The word *sep.* indicates that the publication is also issued otherwise than as a Congressional document.

**NATIONAL ZOOLOGICAL PARK.** Letter from the Secretary of the Treasury, relating to the Regents of the Smithsonian Institution, and the management of the zool. garden. February 26, 1891. 5pp.
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**NAVY.** Register of the commissioned officers of the navy of the United States and of the marine corps, to Jauuary 1, 1891. 187pp. 427

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—— Report showing the names of the employees of the Department, etc. February 9, 1891. 6pp.
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—— Report from the committee on naval affairs favoring bill (S. 4519) providing that master workmen, foremen, and quartermen, under the direction of the Department be allowed 30 days' leave of absence each year with pay. February 10, 1891. 4pp.
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—— Letter from the Secretary of the Navy transmitting report relative to subjects for legislation in the proceedings of the late International Marine Conference. January 16, 1801. 9pp.
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—— Statement of the expenditures of the contingent appropriations of the Navy Department for the fiscal year ended June 30, 1890. 21pp.
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—— **Bureau of Construction and Repair.** Annual report of the chief of the bureau to the Secretary of the Navy for the fiscal year ending June 30, 1890. Washington, 1890. 83pp., 25 plates. 428

—— **Bureau of Navigation; Hydrographic Office.** The coast of British Columbia, including the Juan de Fuca strait, Puget sound, Vancouver and Queen Charlotte Islands. Compiled by R. C. Ray, U. S. N. Hy. O. Pub., no. 96. Washington, 1891. vol. 1, 1-484pp., chart. 429

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—— —— —— Supplement no. 1. Carribbean Sea and Gulf of Mexico. Navigation of, vol 2, 2d. Edition. Coast from the Rio Grande del Norte to Cape Orange, with adjacent islands and dangers. Hy. O. Pub. no. 64, edition of 1890. Washington, 1891. 8pp. 430

—— —— —— Supplement. The west coast of Mexico and Central America from the boundary line between the United States and Mexico to Panama, including the Gulf of California. Hy. O. Pub., no. 84, edition of 1887. Washington, 1890. 9pp. 431

—— —— —— Supplement. East coast of Africa, from Cape Orange to Cape Virgin. Hy. O. Pub., no. 88, edition of 1889. Washington, 1891. 16pp. 432

—— —— —— Annual report of the Hydrographer to the Bureau of Navigation for the fiscal year ending June 30, 1890. Washington, 1890. 83pp. 433

—— —— —— *Notices to Mariners*: [weekly]. Nos. 1–20, January 3–May 16, 1891.

—— —— —— Hydrographic Bulletin: [weekly]. Nos. 75–88. February 5–May 6, 1891. *broadside.*

—— —— —— Pilot chart of the North Atlantic ocean: [monthly]. For February, March, April, May, 1891: *sheets.* 434

—— Naval War Records Offic. Office memoranda. No. 1. List of war charts. Washington, 1891. 5pp.

—— —— *Same.* No. 2. Calendar, 1860–1865. Washington, 1889. 12pp.

—— —— *Same.* No. 3. Chronological tables. December 26, 1860–November 6, 1865. Washington, 1891. 31pp.

NEGLEY, CHARLES, *Consul.* Porto Algre, Brazil. 9pp.
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NEWELL, F. H. Irrigation in Arizona. 4°. 8pp. 435
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—— WILLIAM, *Consul.* American trade in Nicaragua. 3pp.
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—— The Nicaraguan canal. 5pp.
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**NEW YORK CITY.** Majority and minority reports from the select committee on the eleventh census to accompany H. rep. 239, directing a new enumeration of the City of New York. February 25, 1891. 16pp.
H. R. rep. no. 3992; 51st Cong., 2d sess.

—— Report from the committee on the post-office, etc., favoring H. rep. 271, to inquire into the necessity of increased post-office facilities in New York City. February 26, 1891. 1p.
H. R. rep. no. 4008; 51st Cong., 2d sess.

**NICATI, W., AND RIETSCH, M.** Researches on cholera, the comma bacillus in the organism, its culture, its fermentation products, and their action upon animals. (2). Cholera inoculation experiments. (3). Experiments upon the vitality of the comma bacillus of cholera. 4°. 26pp.
*In* Shakespeare E. O.; Cholera in Europe and India. 1890. pp. 538–563.

**NICKEUS, JOHNSON.** *Consul.* Sabanilla-Magdalena canal (Colombia). 3pp.
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—— The port and trade of Sabanilla. 4pp.
U. S. Consular Reports, no. 126. March, 1891, pp. 471–474.

**NIMMO, JOSEPH W., Jr.** Progress of irrigation in the northwest. Montana, Idaho, Eastern Washington, and Oregon, in 1890. 32pp.
Agr'l Dept., Progress rep. on irrigation, part 1, pp. 149–180.

**NICHOLS, GEORGE.** Phreatic water in Nye county, Nevada. 1890. 6pp.
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**NOTICES TO MARINERS.** [Monthly.] *See* U. S. Coast and Geodetic Survey.

**NOTICES TO MARINERS.** [Weekly.] *See* Navy Department, Bureau of Navigation, Hydrographic Office.

**NOVY, FREDERICK G.** The toxic products of the bacillus of hog cholera. 4°. 1p.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890. p. 732.

**OKLAHOMA CITY.** Report from the committee on territories favoring bill (S. 4598) to authorize Oklahoma City to issue bonds. January 5, 1891. 2pp.
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—— Memorial of Oklahoma Assembly asking an appropriation for the relief of destitute people. January 10, 1891. 2pp.
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—— Report from the committee on territories favoring bill (H. R. 13377) in relation to the probate court of Oklahoma. February 16, 1891. 3pp.
H. R. rep. no. 3819; 51st Cong., 2d sess.

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H. R. rep. no. 4003; 51st Cong., 2d sess.

—— *Same.* Favoring bill (S. 4171) authorizing the leasing of school lands in Oklahoma. February 25, 1891. 1p.
H. R. rep. no. 4004; 51st Cong. 2d sess.

**OLCOTT, W. H.** Asylums for the insane in the United States. 4°. 32pp. 436a
U. S. Census, 1890: Bulletin no. 62.

**OSBORN, HERBERT.** The pediculi and mallophaga affecting man and the lower animals. Washington, 1891. 56pp., inc. cuts. 437
Agr'l Dep't, Division of entomology: Bulletin no. 7.

—— Report on [entomological] work of the season. [1890]. 6pp.
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H. R. rep. no. 3774; 51st Cong., 2d sess.

**PACIFIC RAILROAD.** Letter from the Secretary of the Treasury transmitting statement of amounts due for transportation services performed for the Government over the Pacific railroad. February 17, 1891. 18pp.
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**PAGLIANI, DR. ——.** Official report concerning Italian quarantine. 4°. 3pp.
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H. R. ex. doc. no. 45; 50th Cong., 1st sess.

—— *Same.* During 1888-89. Washington, 1890. 682pp., 8 plates. *Sep.* 441
H. R. ex. doc. no. 14; 51st Cong. 2d sess.

**PATENT OFFICE GAZETTE.** *See* Interior Dep't, Patent Office.

**PENSIONS.** List of army officers who are drawing pensions. January 8, 1891. 2pp.
Sen. ex. doc. no. 34; 51st Cong., 2d sess.

—— List of non-commissioned officers and privates in the army who draw pensions. January 8, 1891. 2pp.
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**PETROFF, IVAN.** Wealth and resources of Alaska. 4°. 15pp.
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**PIERCE, FRANK H.,** *Consul.* Imports of rice in Matanzas. 2pp.
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**PLUMACHER, E. H.,** *Consul.* American lard in Venezuela. 2pp.
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**POSTAL SAVINGS BANKS.** Report from the committee on the post-office, etc., favoring bill (H. R. 13404) for the establishment of a system of postal savings banks. February 25, 1891. 13pp.
H. R. rep. no. 4002: 51st Cong., 2d sess.

—— An argument in their favor by the Postmaster-General (John Wanamaker). Washington, 1891. 72pp. 443
Sen. mis. doc. no. 91; 51st Cong., 2d sess.
NOTE.—Appendix contains details of systems in foreign countries, and summary of efforts to provide legislation on the subject.

**POST-OFFICE DEPARTMENT.** Report of the Postmaster-General, being part of the message and documents, 2d session, 51st Congress. Washington, 1890. vi, 1+1177pp., 3 folded l. *Sep.* 444
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—— Annual report of the transaction of business for the P. O. Department for the year ended June 30, 1890. (Expenditures.) 32pp.
H. R. ex. doc. no. 106, part 1; 51st Cong., 2d sess.

—— Report of all contracts for carrying the mail made within 1888-'89, with the name of the contractor, etc. Washington, 1890. 4°. 1276pp. 445
H. R. ex. doc. no. 113; 51st Cong., 1st sess.

—— Report from the committee on the Post-office, etc., favoring bill (H. R. 11527) to amend chap. 1065, Acts 50th Congress, 1st session, relating to advertisement for and purchase of improved mail locks. December 9, 1890. 3pp.
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—— Letter from the Postmaster-General transmitting reports touching Confederate records in the hands of private parties. December 10, 1890. 11pp.
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**POST-OFFICE DEPARTMENT**—*Continued.*

—— Senator Reagan's resolution inquiring under what conditions safes for the service of the P. O. Department are procured. December 12, 1890. 1p.
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—— Letter from the Postmaster-General in reply to above resolution. December 20, 1890. 1p.
Sen. ex. doc. no. 19; 51st Cong., 2d sess.

—— Letter from the Postmaster-General in reference to alleged irregular and inefficient mail service in rural districts. January 9, 1891. 6pp.
H. R. ex. doc. no. 156; 51st Cong., 2d sess.

—— Report from the committee on appropriations favoring resolution providing for rent of "Marini Hall" in Washington, D. C., to May, 1891. January 28, 1891. 1p.
H. R. rep. no. 3619; 51st Cong., 2d sess.

—— Report from the committee on the post-office and post-roads to accompany bill making appropriations for the P. O. service for 1891-'92. February 6, 1891. 38pp.
H. R. rep. no. 3718; 51st Cong., 2d sess.

—— **Assistant Attorney-General.** Report of the assistant Attorney-General for the Post-office Department for the fiscal year ended June 30, 1890. Washington, 1890. 32pp.

—— **Assistant Postmaster-General—First.** Report of the first assistant Postmaster-General for the fiscal year ended June 30, 1890. Washington, 1890. 60pp. 446

—— —— Report from committee on post-offices favoring bill (S. 4964) to authorize the appointment of an assistant superintendent of free delivery in the Department. February 9, 1891. 1p.
Sen. rep. no. 2166; 51st Cong., 2d sess.

—— **Assistant Postmaster-General—Second.** Report of the second assistant Postmaster-General for 1890. Washington, 1890. 230pp. 447

—— **Assistant Postmaster-General—Third.** Report of the third assistant Postmaster-General for the fiscal year ending June 31, 1890. Washington, 1890. 124pp. 448

—— **Assistant Postmaster-General—Fourth.** Report from the committee on the post-office and post-roads favoring bill (H. R. 4781) creating the office of fourth assistant Postmaster-General. February 5, 1891. 3pp.
H. R. rep. no. 3728; 51st Cong., 2d sess.

—— **Auditor—Sixth.** Communication recommending compensation for extra services by employés of his office from July, 1887, to Sept. 30, 1888. December 22, 1890. 4pp.
Sen. mis. doc. no. 32; 51st Cong., 2d sess.

—— **Chief Post-office Inspector.** Report of the chief Post-office Inspector for the fiscal year ended June 30, 1890. Washington, 1890. 18pp., 3 folded l. 449

POST-OFFICE DEPARTMENT—*Continued.*

—— **Dead-letter Office.** Report of the superintendent of the dead-letter office for the year ended June 30, 1890. Washington, 1890. 18pp. 450

—— **Foreign Mails.** Report of the superintendent of foreign mails for 1890. Washington, 1890. 42pp. 451

—— **Money-order System.** Report of the superintendent of the postal money-order system for the fiscal year ended June 30, 1890. Washington, 1890. 452

—— **Railway Mail Service.** Report of the general superintendent of the railway mail service for the fiscal year ended June 30, 1890. Washington, 1890. 354pp. 453

—— —— Daily bulletin of orders affecting the postal service: vol. xii, January 2–May 31, 1891. folio.

—— **Topographer.** Report of the topographer of the Post-office Department for 1890. Washington, 1890. 7pp.

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*In* Shakespeare E. O.: Cholera in Europe aud India. 1890. pp. 658–659.

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—— Message from the President of the United States returning with his objections bill to establish the record and pension office of the War Department. February 27, 1891. 2pp.
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—— *Same.* Returning with his objections bill for the relief of the administratrix of estate of G. W. Lawrence. March 2, 1891. 2pp.
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Sen. mis. doc. no. 64; 51st Cong., 2d sess.

—— Senator Hoar's amendment to above resolution. February 10, 1891. 1p.
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PUBLIC PRINTING—*Continued.*

—— Report from the committee on printing favoring resolution to examine into the numbers printed of various documents, etc. March 2, 1891. 1p.
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H. R. mis. doc. no. 265; 51st Cong., 1st sess.

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RUBY, SAMUEL G., *Consul.* The linen industries of Belfast. 2pp.
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**SCAIFE, W. B.** Geographical latitude. From Smithsonian report for 1889. Washington, 1891. 47pp. 462
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—— Communication from the Secretary of State in relation to above report. December 18, 1890. 1p.
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—— Commerce of Liverpool in 1889. 5pp.
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**SILVER.** Letter from the Secretary of the Treasury transmitting a statement of amount of silver bullion purchased under act of July 14, 1890. February 18, 1891. 25pp.
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**SILVER COINAGE.** Majority and minority reports from the committee on coinage, etc., to accompany bill (S. 4675) to provide a unit of value, etc., (commonly known as the "free coinage of silver bill"). February 23 and 28, 1891. 2+32pp. 466
H. R. rep. no. 3967, parts 1 and 2; 51st Cong., 2d sess.

—— Coinage of gold and silver. Testimony taken before the committee supplementary to its report, no. 3967, upon the bill (S. 4675*) to provide a unit of value, and for the coinage of gold and silver. Washington, 1891. 491pp. 467
H. R. rep. no. 3967, part 3; 51st Cong., 2d sess.
*Commonly known as the "free coinage" bill.

—— Report and hearings of the committee on coinage, weights and measures on the silver bill (S. 4675) for the free coinage of gold and silver, 2d session, 51st Congress. Washington, 1891. 2+32+491pp. *Sep.* 468
*Note.*—This is House report, no. 3967, parts 1, 2 and 3, in one volume.

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—— **HENRY H.** The parliamentary history of the Congress of the United States. Report from the committee on printing favoring H. res. 294 for the purchase, printing and distribution of. February 28, 1891. 3pp.
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—— **JAMES.** Sketch of the Australasian colonies. 11pp.
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**SMITH, JARED A.**, *U. S. A.* Report on improvement of rivers and harbors in Maine and New Hampshire. Being appendix A, Annual report of the Chief of Engineers, 1890. Washington, 1890. 56pp., 2 plates. 471

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—— **WILLIAM F.**, *U. S. A.* Report on improvement of harbors and rivers of Delaware and Maryland, and of Maurice river, N. J., etc. Being appendix H, Annual report of the Chief of Engineers, 1890. Washington, 1890. 74pp. 473

**SMITHSONIAN INSTITUTION.** Annual report of the board of regents showing the operations, expenditures and condition of the Institution to July, 1889. Washington, 1890. xlvi, 1-815pp. 474

*Note.*—Contents found chiefly under "Smithsonian miscellaneous publications." The various annual summaries of scientific progress are discontinued.

—— Report from the committee on the library favoring S. res. 153 to appoint W. P. Johnson, of Louisiana, regent, in place of Noah Porter, resigned. February 18, 1891. 1p.

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—— **Miscellaneous Publications.** No. 753. An account of the progress in mineralogy for 1887 and 1888. By Edward S. Dana. From Smithsonian report for 1888. Washington, 1890. 21pp. 475

—— *Same.* No. 754. An account of the progress in botany for 1887 and 1888. By F. H. Knowlton. From Smithsonian report for 1888. Washington, 1890. 24pp. 476

—— *Same.* No. 755. An account of the progress of anthropology for 1887 and 1888. By O. T. Mason. From Smithsonian report for 1888. Washington, 1890. 88pp. 477

—— *Same.* No. 756. Chronology of the human period. By J. Woodbridge Davis. From Smithsonian report for 1888. Washington, 1890. 5pp. 478

—— *Same.* No. 757. Were the Osages mound builders? By Dr. J. F. Snyder. From Smithsonian report for 1888. Washington, 1890. 12pp. 479

—— *Same.* No. 758. The progress of science as exemplified in the art of weighing and measuring. By William Harkness. From the Smithsonian report for 1888. Washington, 1890. 39pp. 480

—— *Same.* No. 759. Determination of the mean density of the earth by means of a pendulum principle. By J. Wilsing. Translated and condensed by J. H. Gore. From the Smithsonian report for 1888. Washington, 1890. 14pp. 481

**SMITHSONIAN INSTITUTION:** Miscellaneous Publications—*Continued.*

—— *Same.* No. 760. Derivation of the name America. By Jules Marcou. From the Smithsonian report for 1888. Washington, 1890. 30pp. 482

—— *Same.* No. 761. Progress of oriental science in America during 1888. By Cyrus Adler. From the Smithsonian report for 1888. Washington, 1890. 30pp. 483

—— *Same.* No. 762. Biographical memoirs of S. F. Baird. From the Smithsonian report for 1888. Washington, 1890. 43pp. 484

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—— *Same.* No. 767. Annual report of the Board of Regents of the Smithsonian Institution to July, 1888. Washington, 1890. xli, 1–839pp. 489

—— *Same.* No. 768. Annual report of the Board of Regents of the Smithsonian Institution for the year ending June 30, 1888. Report of the U. S. National Museum. Washington, 1890. xxii, 1–876pp., 109 plates, 2 charts. 490

—— *Same.* No. 769. Annual report to the Smithsonian Institution to July, 1889. Washington, 1890. xlvi, 1–815pp. 491

—— *Same.* No. 770. [Not published.]

—— *Same.* No. 771. Report of S. P. Langley, secretary of the Smithsonian Institution for the year ending June 30, 1890. Washington, 1890. iii, 1–82pp., 2 plates. 492

—— *Same.* No. 772. Proceedings of the regents and report of the executive committee for 1888–89, together with acts of Congress. Washington, 1891. xlvi pp. 493

—— *Same.* No. 773. The national scientific institutions at Berlin. By Albert Guttstadt. Translated by G. H. Boehmer. From Smithsonian report for 1889. Washington, 1891. 58pp. 494

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—— *Same.* No. 775. An account of the progress in meterology for 1889. By George E. Curtis. From Smithsonian report for 1889. Washington, 1891. 83pp. 496

—— *Same.* No. 776. On the movements of the earth's crust. By A. Blytt. Translated by W. S. Dallas. From Smithsonian report for 1889. Washington, 1891. 53pp. 497

—— *Same.* No. 777. Time-keeping in Greece and Rome. By F. A. Seely. From Smithsonian report for 1889. Washington, 1891. 24pp. 498

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—— *Same.* No. 779. Papers on physical subjects. By Sir Wm. Thompson, O. J. Lodge, R. Radau, and William Anderson. From Smithsonian report for 1889. Washington, 1891. 48pp. 500

—— *Same.* No. 780. A. Michelson's recent researches on light. By Joseph Lovering. From Smithsonian report for 1889. Washington, 1891. 21pp. 501

—— *Same.* No. 781. Anthropological papers. By Dr. Rudolph Virchow, M. I. Unset, and Dr. Paul Topnard. From Smithsonian report for 1889. Washington, 1891. 64pp. 502

—— *Same.* No. 782. An account of the progress in anthropology for 1889. By O. T. Mason. From Smithsonian report for 1889. Washington, 1891. 80pp. 503

—— *Same.* No. 783. The state of higher education. By. H. B. Adams. From the Smithsonian report for 1889. Washington, 1891. 18pp. 504

—— *Same.* No. 784. Geographical latitude. By W. B. Scaife. From Smithsonian report for 1889. Washington, 1891. 47pp. 505

—— **Bureau of Ethnology.** Report from the committee on printing favoring resolution to print 15,500 copies of the 10th annual report of the Bureau of Ethnology. February 24, 1891. 1p.
Sen. rep. no. 2426; 51st Cong., 2d sess.

**SMYTH, WILLIAM P.,** *Commercial Agent.* Exports from Huddersfield to the United States. 3pp.
U. S. Consular Reports, no. 126. March, 1890. pp. 321-323.

—— The commercial situation in Yorkshire. 4pp.
U. S. Consular Reports, no. 126. March, 1890. pp. 324-327.

—— The foreign trade of England. 4pp.
U. S. Consular Reports, no. 126. March, 1891. pp. 336-339.

**SNOW, F. H.** Experiments for the destruction of chinch bugs in the field by the artificial introduction of contagious diseases. 7pp.
Insect life, v. 3, no. 6, pp. 279-285.

**SNYDER, J. F.** Were the Osages mound-builders? From Smithsonian report, 1888. Washington, 1890. 12pp. 506
Smithsonian mis. pub. no. 757.

**SOLDIERS' HOME, Washington.** Report from the committee on military affairs favoring bill (H. R. 9919) to authorize the treasurer of Soldiers' Home to deposit funds with the Treasurer of the United States. January 9, 1891. 2pp.
Sen rep no. 1940; 51st Cong., 2d sess.

**SPAIN.** Increase of duties to take effect January 1, 1891. 2pp.
U. S. Consular Reports, no. 124. January, 1891. pp. 132-133.

—— Changes in the tariff. January 1, 1891. 3p.
U. S. Consular Reports, no. 125. Feb., 1891, pp. 194-196.

**SPRAGUE, HORATIO J.,** *Consul.* Commerce in Gibraltar and Spain. 4pp.
U. S. Consular Reports, no. 125. Feb., 1891, pp. 308-311.

**STANDARD STEEL CASTING COMPANY.** Letter from the Secretary of the Navy transmitting report relative to alleged defect in castings furnished by the Standard Steel Casting Company. March 3, 1891. 48pp.
Sen. ex. doc. no. 74; 51st Cong., 2d sess.

**STATE DEPARTMENT.** Report of the Secretary of State in relation to the execution of letters rogatory in foreign countries. February 26, 1891. 29pp.
H. R. ex. doc. no. 281; 51st Cong., 2d sess.

—— Letter of the Secretary of State and papers relative to the commercial arrangement with Brazil. February 27, 1891. 2pp.
Sen. ex. doc. no. 66; 51st Cong., 2d sess.

—— **Bureau of American Republics.** Bulletin No. 1. Hand-book of American Republics. Washington, 1891. 228pp., 5 plates. 506a

—— —— Bulletin No. 2. Hand-book of American Republics. 2d edition, enlarged and revised. Washington, 1891. 486pp., 18 plates. 506b

—— **Bureau of Statistics.** Reports from consuls of the United States. Nos. 124-126. January-March, 1891. pp. 161-480. 506c

—— —— Special consular reports. Olive culture and the alpes maritimes. 1891. 60pp. 506d

**STATISTICAL ABSTRACT, 1890.** Report from the committee on printing, favoring resolution to print abstract for 1890. March 2, 1890. 1p.
Sen. rep., no. 2592; 51st Cong., 2d sess.

**STATUTES-AT-LARGE.** Statutes of the United States passed at the 2d session, 51st Congress, 1890-'91, and recent treaties and Executive proclamations. Washington, 1891. 751pp. 507

**STEELE, THOMAS,** *Consular agent.* Macaroni in Marsala. 1p.
U. S. Consular Reports, no. 125. Feb., 1891, p. 216.

**STERNBERG, GEORGE M.** Liquefaction of gelatine by bacteria. 4°. 1p.
*In* Shakespeare, E. O.; Cholera in Europe and India. 1890. p. 640.

**STONE, W. E.** Notes on the occurrence and quantitative estimation of the pentaglucoses in feeding stuffs. 4pp.
Agr'l Dep't, Division of chemistry; Bulletin, no. 28, pp. 125-129.

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H. R. rep. no. 4004; 51st Cong., 2d sess.

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# UNITED STATES GOVERNMENT PUBLICATIONS.

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## MAY, 1891.

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Suggestions for the employment of improved types of vessels in the market fisheries. By J. W. Collins. 18pp., 12 plates.

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The most recent methods of hatching fish eggs. By W. F. Page. 12pp., 7 plates.

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UNITED STATES NATIONAL MUSEUM—*Continued.*

—— Notes on the osteology of the Paridæ, Sitta and Chamæa. By F. A. Lucas. From Proceedings of the U. S. Nat. Mus., v. xiii, pp. 337-345. [No. 830.] Washington, 1890. 9pp., 1 plate. 576

—— Note on the Aspredinidæ. By Theodore Gill. From Proceedings of the U. S. Nat. Mus., vol. xiii, pp. 347-352. [No. 831.] Washington, 1891. 6pp. 577

—— Notes on the genus Felichthys of Swaaison. By Theodore Gill. From Proceedings of the U. S. Nat. Mus., v. xiii, pp. 353-354. [No. 832.] 2pp. 578

—— The characteristics of the family of Scatophagoid fishes. By Theodore Gill. From Proceedings of the U. S. Nat. Mus., vol. xiii, pp. 355-360. [No. 833.] Washington, 1891. 6pp. 579

—— Contributions towards a monograph of the Noctuidæ of temperate N. America. Revision of Homohadena, Grote. By J. B. Smith. From Proceedings of the U. S. Nat. Mus., vol. xiii, pp. 397-405. [No. 838.] Washington, 1891. 9pp. 580

UNITED STATES NAVAL OBSERVATORY. Washington observations for 1885. Appendix iii. The solar parallax and its related constants, including the figures and density of the earth. By William Harkness. Washington, 1891. 4°. 169pp. 581

—— Report from the committee on printing favoring resolution to print extra copies of the appendices of the annual volumes of Observation for 1886-'7-'8. February 23, 1891. 2pp.
Sen. rep. no. 2403; 51st Cong., 2d sess.

—— Estimates of appropriations in connection with the abandoning the old and equipping the new naval observatory. January 5, 1891. 13pp.
H. R. ex. doc. no. 147; 51st Cong. 2d sess.

UNITED STATES SHIPPING COMMISSIONER. Letter from the Secretary of the Treasury recommending an appropriation to pay office expenses of the commissioner. February 14, 1891. 4pp.
H. R. ex. doc., no. 263; 51st Cong., 2d sess.

UNSET, M. INGWALD. Scandinavian archæology. Translated by L. D. Lodge. 19pp. 582
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UPTON, J. K. Public school finances. 4°. 12pp. 583
U. S. Census, 1890: Bulletin, no. 54.

—— Foreign, national, state and county indebtedness. 4°. 52pp. 583a
U. S. Census, 1890: Bulletin, no. 64.

URUGUAY. Changes in the tariff of. 1p.
U. S. Consular Reports, no. 124, Jan., 1891, p. 86.

UTAH. Report of the commissioner of public schools. January 26, 1891. 14pp.
Sen. ex. doc. no. 46; 51st Cong., 2d sess.

**WALCOTT, CHARLES DOOLITTLE.** Description of new forms of upper cambrian fossils. From Proceedings of the U. S. Nat. Museum, vol. xiii, pp. 266-279. Washington, 1890. 13 pp., 1 plate. 584
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**WALLACE, GEORGE H.,** *Consul-General.* American-Melbourne trade. 7pp.
U. S. Consular Reports, no. 125, Feb., 1891, pp. 243-249.

**WALSINGHAM, EDWARD,** *Lord.* Steps towards a revision of Chambers' Index, with notes and descriptions of new species, (continued). 5pp.
Insect Life, nos. 7-8. April, 1891, pp. 325-329.

**WAR DEPARTMENT.** Report of the Secretary of War, being part of the Message and Documents, 2d session, 51st Congress. In 4 volumes. vols. 1 and 2 (vol. 2 in 4 parts). Washington, 1890. 5 vols. *Sep.* 585
H. R. ex. doc. no. 1, part 2; 51st Cong., 2d sess.

—— List of employés of the Department, from December 1, 1889, to November 30, 1890, etc. 69pp.
H. R. ex. doc. no. 197; 31st Cong., 2d sess.

—— Communication from the Secretary of War relating to the standard of efficiency of the employés of the department. January 23, 1891. 2pp.
H. R. ex. doc. no. 202; 51st Cong., 2d sess.

—— Report of the receipts and expenditures on account of the appropriations for contingent expenses for the fiscal year ending June 30, 1890. 14pp.
H. R. ex. doc. no. 34; 51st Cong., 2d sess.

—— Statement of the expenditures of the appropriations for the contingent expenses of the military establishment for the fiscal year ended June 30, 1890.
H. R. ex. doc. no. 148; 51st Cong., 2d sess.

—— Reports of inspection of money accounts of disbursing officers of the War Department for the year ending September 30, 1890. 1p.
H. R. ex. doc. no. 14; 51st Cong., 2d sess.

—— Statement of contracts entered into by the War Department for the fiscal year ending June 30, 1890. 1p. (Statements not printed.)
H. R. ex. doc. no. 91; 51st Cong., 2d sess.

—— Reports from the committee on military affairs favoring bill (S. 4620 and H. R. 12632) to establish the record and pension office of the War Department. December 22 and 26, 1890. 7+11pp.
Sen. rep. no. 1888, and H. R. rep. no. 3349; 51st Cong., 2d sess.

—— Report of the commission on selection of a dry-dock site on the Pacific coast, north of the 42d parallel. December 23, 1890. 22pp., 5 maps.
Sen. ex. doc. no. 24; 51st Cong., 2d sess.

WAR DEPARTMENT—*Continued.*

—— Report from the committee on military affairs favoring bill (H. R. 11966) for marking the lines of battle at Antietam. February 27, 1891. 3pp.
H. R. rep. no. 4019; 51st Cong., 2d sess.

—— **Adjutant-General.** Annual report of the Adjutant-General to the Secretary of War, 1890. Washington, 1890. 24pp. 586

—— —— Official army register. March, 1891. Washington, 1891. 420pp. 586a

—— —— General orders and circulars, Adjutant-General's office. 1890. Washington, 1891. 12°. 587

—— **Board on Army Gun Factories.** Preliminary report of the Board convened pursuant to act of Congress, approved August 18, 1890. December 17, 1890. 13pp. 588
Sen. ex. doc. no. 16; 51st Cong., 2d sess.

—— —— Supplementary report of the board on gun factories and steel forgings for high-power guns. January 27, 1891. 144pp. 589
H. R. ex. doc. no. 209; 51st Cong., 2d sess.

—— **Commander of the Army.** Report of the Major-General commanding the army, to the Secretary of War. 1890. Washington, 1891. 197pp., 2 fold. l. 590

—— **Commissary-General.** Annual report of the Commissary-General of subsistence, 1890. Washington, 1890. 11pp. 591

—— **Engineers.** Annual report of the Chief of Engineers, U. S. A., 1890. Washington, 1890. 378+22pp. 592

—— —— Report of the Chief of Engineers to the Secretary of War for the fiscal year 1889-'90. 4 vols. Washington, 1890. *Sep.* 593
H. R. ex. doc. no. 1, part 2, vol. 2, pts. 1-4; 51st Cong., 2d sess.

—— —— Statement in regard to the civilian engineers employed from July 1, 1889, to June 30, 1890, in the work of improving rivers and harbors. January 5, 1891. 8pp.
H. R. ex. doc. no. 143; 51st Cong., 2d sess.

—— **Inspector-General.** Annual report of the Inspector-General of the army to the Secretary of War, for the year 1890. 237pp., 1 fold. l. 594

—— —— Annual report of the Inspector-General of the army to the Major-General commanding of the army, for the year 1890. Washington, 1890. 62pp., 1 fold. l. 595

—— —— Report from the committee on military affairs favoring bill (H. R. 13403) to increase the efficiency of the Inspector-General's Department. January 29, 1891. 2pp.
H. R. rep. no. 3629; 51st Cong., 2d sess.

—— —— Letter from the Inspector-General in reference to the employment of additional clerks. January 23, 1891. 2pp.
H. R. ex. doc. no. 199; 51st Cong., 2d sess.

WAR DEPARTMENT—*Continued.*

—— **Judge-Advocate-General.** Report of the acting Judge-Advocate-General to the Secretary of War for 1890. Washington, 1890. 16pp. 596

—— **Major-General.** Report of the Major-General commanding the army, to the Secretary of War, 1890. Washington, 1890. 175pp., 2 fold. l. 597

—— **Ordnance Office.** Annual report of the Chief of Ordinance, to the Secretary of War, for the fiscal year ended June 30, 1890. Washington, 1890. 40pp. 598

—— —— Report [by Lieut.-Col. F. H. Parker] of the tests of metals and other materials for industrial purposes made with the U. S. testing machine at Watertown arsenal, Mass., during the fiscal year ended June 30, 1888. Washington, 1889. 894 pp., 82 plates. *Sep.* 599
H. R. ex. doc. no. 45; 50th Cong., 2d sess.

—— —— *Same.* During the fiscal year ended June 30, 1889. Washington, 1890. 682pp., 8 plates. *Sep.* 600
H. R. ex. doc. no. 14; 51st Cong., 1st sess.

—— —— Orders from the ordnance office. Series of 1890. 4°..

—— —— Notes on the construction of ordnance. No. 55. October 7, 1890. Hydro-pneumatic gear for siege and heavy ordnance. By W. Anderson. Reprinted. 4°. 33pp., 10 plates. 601

—— —— *Same.* No. 56. December 11, 1890. Hydraulic brakes for gun-carriages. Translations. 4°. 58pp., 1 plate. 602

—— —— Estimate of an appropriation for expenses of magazine gun-board. January 2, 1891. 2pp.
H. R. ex. doc. no. 133: 51st Cong., 2d sess.

—— **Paymaster-General.** Annual report of the Paymaster-General of the army, 1890. Washington, 1890. 13pp. 603

—— **Quartermaster-General.** Annual report of the Quartermaster-General to the Secretary of War, 1890. Washington, 1890. 334pp. 604

—— —— Uniform of the army of the United States, with plates, from 1774 to 1889. Compiled by direction of the Secretary of War, under the supervision of the Quartermaster-General. 4°. 1890. Eng'd title, 71pp., 44 col'd plates.
*Note.*—For sale by B. M. Whitlock, 99 Fourth avenue, New York.

—— —— Report showing the purchases made by his department of supplies for the army, for the fiscal year ended June 30, 1890. 1p. (Statements not printed.)
H. R. ex. doc. no. 89; 51st Cong., 2d sess.

—— —— Estimates of deficiencies in appropriation for the Quartermaster's department for 1890-'91. February 2, 1891. 4pp.
H. R. ex. doc. no. 224; 51st Cong., 2d sess.

**WAR DEPARTMENT—Quartermaster-General—*Continued.***

—— —— Estimates of deficiencies in the appropriations for subsistence of the army for the current year. February 6, 1891. 1p.
H. R. ex. doc. no. 230; 51st Cong., 2d sess.

—— **Record and Pension Division.** Report of the officer in charge of the division, to the Secretary of War, 1890. Washington, 1890. 18pp.

—— **Signal Office.** Report of the Chief Signal Officer and copy of a draft of bill pertaining to international storm signals, according to the recommendations of the international marine conference. February 26, 1891. 2pp.
H. R. ex. doc. no. 288; 51st Cong., 2d sess.

—— —— *Monthly Weather Review.* General weather service of the United States. January and February, 1891. vol. 19, nos. 1-2. 4°. Washington, 1891.

—— —— *Weather crop bulletin.* [Monthly.] For February, 1891. *broadside.*

—— —— *Same.* [Weekly.] For March, April, May, 1891. *broadside.*

—— **Surgeon-General.** Annual report of the Surgeon-General of the army, 1890. Washington, 1890. 115pp. 605

**WAR OF THE REBELLION.** Compilation of the official records of the Union and Confederate armies. Series 1, vol. xxx. Parts i and ii, reports; parts iii and iv, correspondence. Washington, 1890. 4 vols. 606

Contents:

Chapter xlii. Operations in Kentucky, southwest Virginia, Tennessee, Mississippi, North Carolina, north Alabama, and north Georgia. August 11—October 19, 1863. [Chickamauga and east Tennessee campaign.]

—— *Same.* Series 1, vol. xxxi. Parts i and ii, reports; part iii, correspondence. Washington, 1890. 3 vols. 607

Contents:

Chapter xliii. Operations in Kentucky, southwest Virginia, Tennessee, Mississippi, northern Alabama, and northern Georgia. October 20—December 31, 1863. [Lookout mountain, Knoxville and Missionary Ridge.]

—— *Same.* Series 1, vol. xxxii. Part i, reports; parts ii and iii, correspondence. Washington, 1890. 3 vols. 608

Contents:

Chapter xliv. Operations in Kentucky, southwestern Tennessee, Mississippi, Alabama, and northern Georgia. January 1—April 30, 1864. [Meridian, and Forrest's expedition.]

—— *Same.* Series 1, vol. xxxiii. Washington, 1891. xii, 1-1525pp. 609

Contents:

Chapter xlv. Operations in North Carolina, West Virginia, Maryland and Pennsylvania. January 1—April 30, 1864. [Newberne, Morton's Ford, and Kilpatrick's raid.

**WASHBURN, ALBERT H.**, *Commercial Agent.* German sugar-beet legislation. 8pp.
U. S. Consular Reports, no. 125, Feb., 1891, pp. 253-260.

**WEBSTER, F. M.** Report upon the present condition of agriculture in the Australasian colonies, with especial reference to growing grains and fruits. 45pp.
Melbourne Centennial Exhibition, 1888, pp. 295-339.

—— The strawberry-leaf flea beetle (*Haltica ignita*) in Indiana. 2pp.
Insect Life, nos. 7-8, April, 1891, pp. 317-318.

—— Report on some of the insects affecting cereal crops. 17pp.
Agr'l Dept., Division of entomology: Bulletin no. 23, pp. 63-79.

**WEED, CLARENCE M.** Life history of Pimpla inquisitor. 2pp.
Insect Life, v. 3, no. 6, pp. 275-276.

—— Fifth contribution to a knowledge of certain little known aphididæ. 9pp.
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**WEEKS, JOSEPH D.** Production of manganese ores. 4°. 5pp. 609a
U. S. Census, 1890. Bulletin no. 68.

**WENHAM, F. H.** On aerial locomotion. 21pp.
Smithsonian report, 1889, pp. 303-323.

**WHEELER, F. B.** Report on the commercial relations of Australia. 20pp.
Melbourne Centennial Exhibition, 1888, pp. 169-188.

**WHITE, HENRY.** Foreign medical practitioners in British colonies. 3pp.
U. S. Consular Reports, no. 124. Jan., 1891, pp. 3-5.

**WITTLE, J. LOWRY.** Profit-sharing in England, etc. 46pp.
U. S. Consular Reports, no. 126, March, 1891, pp. 385-430.

**WILLARD, A.**, *Consul.* Commerce and industries of Guaymas. 10pp.
U. S. Consular Reports, no. 124, Jan., 1891, pp. 151-160.

**WILEY, HARVEY WASHINGTON.** Culture of the sugar beet. Washington, 1891. 24pp., inc. cuts. 610
Farmers' Bulletin no 3.

—— Some new forms of apparatus used in agricultural chemical analysis. Discussion. 13pp., inc. cuts.
Agr'l Dep't, Division of chemistry; Bulletin no. 28, pp. 96-108.

—— Notes on methods of sugar analysis. 20pp.
Agr'l Dep't, Division of chemistry: Bulletin no. 28, pp. 129-148.

—— Record of experiments with sorghum in 1890. Washington, 1891. 125pp. 110a
Agr'l Dep't, Division of chemistry: Bulletin no. 29.

—— Experiments with sugar beets in 1890. Washington, 1891. 93pp. 610b
Agr'l Dep't, Division of chemistry: Bulletin no. 30.

**WILLIAMS, CHARLES P.**, *Consul.* The octroi of Rouen. 2pp.
U. S. Consular Reports, no. 126, March, 1891, pp. 339-340.

**WILLITS, EDWIN.** The scientific work of the department [of agriculture] in its relations to practical agriculture. From the report of the Secretary of Agriculture for 1890. Washington, 1891. 18pp. 611

**WILSING, J.** Determination of the mean density of the earth by means of a pendulum principle. Trans. by J. H. Gore. From Smithsonian report, 1888. Washington, 1890. 14pp. 612
Smithsonian mis. pub. no. 759.

**WILSON, THOMAS.** Results of an inquiry as to the existence of man in N. America during the paleolithic period of the stone age. From Nat. Mus. rep., 1888. Washington, 1890. 25pp. 613
Smithsonian mis. pub. no. 766.

**WINES, FREDERICK HOWARD.** Convicts in penitentiaries, 1890. 4°. 20pp. 614
Census, 1890, Bulletin, no. 31.

**WOOD, A. M.,** *Commercial Agent.* Macaroni industry of Castelamare. 1p.
U. S. Consular Reports, no. 125. Feb., 1891, p. 210.

—— **CHARLES M.,** *Vice Consul-General.* Italian emigration. 2pp.
U. S. Consular Reports, no. 126. March, 1890, pp. 329–330.

**WOODBRIDGE, L. C.,** *m. d.* Immunity from anthrax by injection of chemical bodies. 4°. 1p.
*In* Shakespeare, E. O.: Cholera in Europe and India, 1890; p. 724.

**WOODWARD, ROBERT SIMPSON.** Report on astronomical work of 1889 and 1890. Washington, 1890. 79pp. 615
U. S. Geol. Survey: Bulletin no. 70.

**WOODWORTH, C. W.** The laboratory method of (entomological) experimentation. 4pp.
Insect life, v. 3, no. 6, pp. 266–269.

**WURTZ.** The wine industry of Russia. 13pp.
U. S. Consular Reports, no. 125, Feb., 1891, pp. 278–283.

**VERDERAME, ARTHUR,** *Consular Agent.* Macaroni manufacture. 2pp.
U. S. Consular Reports, no. 125, Feb., 1891, pp. 124–215.

**VILLIERS, A.** Upon the formation of ptomaines in cholera. 4°. 2pp.
*In* Shakespeare, E. O.: Cholera in Europe and India. 1890. pp. 660–661.

**VIOSCA, JAMES,** *Consul.* Trade and industries of Lower California. 3pp.
U. S. Consular Reports, no. 126. March, 1891. pp. 431–433.

**VIRCHOW,** *Dr.* **RUDOLPH.** Anthropology in the last twenty years. Translated by C. A. Bleismer. 16pp. 616
Smithsonian mis. pub. no. 781.

**VOORHEES, E. B.** Report on the determination of nitrogen. [And discussion.] 17pp.
Agr'l Dep't, Division of chemistry: Bulletin no. 28, pp. 11–27.

**ZOOLOGICAL PARK, D. C.** Letter from the secretary of the commission, transmitting the final report. January 21, 1891. 2pp., 2 plates.
H. R. mis. doc. no. 93; 51st Cong., 2d sess.

# CATALOGUE OF MAPS AND CHARTS PUBLISHED BY THE UNITED STATES GOVERNMENT,

## JANUARY–APRIL, 1891.

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## POSTOFFICE DEPARTMENT.

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*Note.*—The Postoffice Department issues "Post-route maps" of the United States, showing the location of postoffices, with intermediate distances and mail routes. They are issued bi-monthly, corrected to date, and sold at cost of printing and 10 per cent. additional.

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**ALABAMA.** Post-route map of Alabama and Mississippi, with parts of Florida, Georgia, Tennessee, Arkansas and Louisiana, showing postoffices, with intermediate distances and mail routes in operation April, 1891. Scale 10 miles to the inch, 2 sheets. Map no. 16; price in sheets 33c., mounted $1.50.

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**MASSACHUSETTS.** *See* New England States.

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**VIRGINIA, W. VIRGINIA, MARYLAND AND DELAWARE**, with parts of Pennsylvania, Ohio, Kentucky, Tennessee and North Carolina. Scale 8 miles to the inch. Map no. 11; price 66c., mounted $2.00.

*Note.—A combined map* of Virginia, West Virginia, Maryland, Delaware, North Carolina and South Carolina, 6 sheets, 99c., mounted $3.60.

**WASHINGTON.** *See* Oregon.

**WEST VIRGINIA.** *See* Virginia.

**WISCONSIN.** *See* Michigan.

**WYOMING.** *See* Montana.

## HYDROGRAPHIC OFFICE.

### NAVY DEPARTMENT.

*Note.*—The Hydrographic office charts are not confined to the coasts of the United States, but are general. The catalogue (1890) embraces 1197 titles, classified geographically (with full indexes), with scale, size and price at which they can be bought; also track charts, magnetic charts, gnomonic charts, and monthly, the pilot chart of the North Atlantic ocean. The latter gives a forecast of the weather for the ensuing and a review of that for the preceding month, together with information as to the most available sailing and steam routes, dangers to navigation, ice, fogs, derelicts, &c. New charts and new editions have been issued in 1891, as follows:

**AFRICA**, west coast, from Cape Juby to Cape Cantin, with Madeira and the Canaries. No. 1246. Scale D, long.=4.5; price $1.25.

**BERING SEA AND ARCTIC OCEAN.** No. 68. (Chart corrected.) Price $1.00.

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—— Harbors of the coast of Chile. No. 1253. Scales various; price 50c.

—— Harbors on coast of Chile. No. 1259. Algodonales Bay, scale M=2.0; Pajonal Cove, scale M=2.0; Martencillo Cove, scale M=4.0; Port Copiapo, scale M=1.0; Pichidanqui Bay, scale M=2.0; San Pedro Bay; price 25c.

**CUBA.** Plan of Port Mariel and Bahia Honda. No. 520[a]. Chart corrected; price 25c.

**CURACOA.** Spanish Water, Spanish Haven, Caracas Bay. No. 1245. Scale 1000 yds.=10; price 75c.

**GUATEMALA.** Port Livingston. No. 1250. Scale M=3; price 25c.

**HAWAIIAN ISLANDS.** Harbors of Maui, viz: Kapueskahi Bay, Napili Bay, Makena Bay, Kahuliu Harbor. No. 1244. Scale M=4.0; price 50c.

—— Harbors of Kauai, viz: Hanalei Bay, Waimea Bay, Hanamaulu Bay, Nawiliwili Harbor. No. 1251. Scale M=4.0; price 25c.

**HAWAIIAN ISLANDS**—*Continued.*

—— Harbors of Oahu, viz: Waimea Bay, scale M=8.0; Wailua Bay, scale M=6.0; Barbers Point, scale M=4.0; Laie Bay, scale M=4.0. No. 1252; price 50c.

—— Harbors of Hawaii, viz: Kawaihae Bay, scale M=4.0; Kailua Bay, scale M=4.0; Keauhou Bay, scale 1000 yds.=6.0; Kealakehua Bay, scale M=4.0. No. 1257; price 50c.

—— Southside of Oahu. No. 867. Chart corrected; price 75c.

**HONGKONG HARBOR** and approaches. No. 929. Chart corrected extensively; price $1.00.

—— Hongkong Harbor. No. 1254. Scale M=12.0; price 75c.

**JAVA SEA.** Western part of, and southern passages to China. No. 1170. Chart corrected; price 75c.

**JUAN DE FUCA STRAIT,** to Queen Charlotte Sound, including Vancouver Island. No. 903. Chart corrected; price 75c.

**KELUNG HARBOR,** Formosa. No. 1256. Scale M=3.0; price 75c.

**MARSHALL ISLANDS.** Ebon Atoll, scale M=1.5. Arhno Atoll, scale M=0.4. Iné anchorage, scale M=4.0. No. 1244 (Cancels No. 496). Price 50c.

**NEWFOUNDLAND,** East coast. Cape Bonavista to Cape St. Mary's. No. 1102. Scale D, lat.=14.7.

**NORTH ATLANTIC OCEAN,** Eastern sheet, lower half. No. 22. Chart corrected; price 75c.

**NORTH PACIFIC OCEAN,** Eastern middle sheet. No. 528. Chart corrected; price $1.25.

**PASSAMAQUODDY BAY** and approaches. No. 1247. Scale M=1.0; price $1.00.

**PERU.** Cape San Francisco to Lobos de Afuera Islands. No. 1177. Chart corrected; price $1.00.

**PHŒNIX ISLANDS,** Pacific Ocean. No. 124. Chart corrected. Price 50c.

**PILOT CHART** of the North Atlantic Ocean. January, 1891. *Same,* February. *Same,* March. *Same,* April. *Same,* May. Price each 20c.

**ST. LAWRENCE RIVER.** Saguenay River to Quebec. No. 1112. Chart corrected extensively. Price 75c.

**ST. LUCIA,** Island of. No. 1261. Scale M=1.0. Price $1.00.

**SHANGHAI HARBOR,** China. No. 1255. Scale 1000 yards=5.0. Price 75c.

**SINGAPORE ROADS.** No. 1243. Scale M=6.0. Price $1.00.

**SOUTH AMERICA.** Index chart of the coast, harbor and special charts of the northern part of S. America, the adjacent islands and part of Central America. No. N. Scale D, long.=0.3. Price 10c.

—— Index chart of the coast, harbor and special charts of the central part of South America, from lat. 17° S. to lat. 45° S. No. O. Scale D, long=0.3. Price 10c.

—— Index chart of the coast, harbor and special charts of the southern part of S. America, below lat. 44° S. No. P. Scale D, long.=75. Price 10c.

**WORLD.** Chart of the world, giving routes and distances between principal ports covered by full power steam vessels. No. 1262. Size 27.1 by 47.50 in. Price $1.00.

**YOKOHAMA BAY,** Japan. No. 1242. Scale M=4.0. Price 50c.

## UNITED STATES COAST AND GEODETIC SURVEY.

### TREASURY DEPARTMENT.

*Note.*—The charts and maps published by the Coast Survey are confined to the regions of the United States. They include sailing charts, general and special charts of the coast, harbor charts, and about fifty miscellaneous maps and plans not adapted for the use of navigators. The Catalogue (1890) contains 3043 titles, arranged in geographical sequence (with full indexes), with scales, size, and price at which they can be bought. The following new charts and new editions have been issued since January, 1891:

**AMERICA.** Northwest coast and inland passage (from Olympia, Washington, to Mt. St. Elias, Alaska). No. 899. Scale 1:1,200,000. Price 50c.

**DELAWARE RIVER,** Penn's Neck to Philadelphia. No. 126. Scale 1:80,000. Price 50c.

—— Philadelphia water front. No. 381. Scale 1:9,600. Price 50c.

**FISHER'S ISLAND SOUND.** No. 358. Scale 1:20,000. Price 40c. (To replace chart of same number on scale 1:40,000.)

**HOG ISLAND LIGHT,** to Cape Henry, Va. No. 130. Scale 1:80,000. Price 50c. (New edition.)

**JAMES RIVER.** Hampton Roads to Point of Shoals (including Elizabeth River to Norfolk.) No. 401a. Scale 1:40,000 Price 40.

**LONG KEY**, to Newfound Harbor Key, Fla. No. 168. Scale 1:80,000. Price 50c. (Preliminary edition, showing hydrography of Florida Bay.)

**OREGON.** Cape Oxford and reef. No. 634. Scale 1:40,000. Price 50c. (New edition.)

**SCHUYLKILL RIVER.** Philadelphia water front. No. 380. Scale 1:9,600. Price 50c.

**YAQUINA RIVER** entrance, Oregon. No. 664. Scale 1:20,000. Price 20c. (New edition, showing improvement of the bar.)

## UNITED STATES GEOLOGICAL SURVEY.

### INTERIOR DEPARTMENT.

*Note.*—The Geological Survey publishes a map of the United States. (*See* below). The Survey is also constructing an atlas of the United States from new surveys. Each State is divided by parallels and meridians into sections, and a sheet (about 14 by 17½ inches) covers either a square quarter degree or a sixteenth of a square degree. This division is made without regard to State or county boundaries. Thus it happens that one sheet will sometimes cover portions of two or even three States. A sheet is named from some prominent feature shown upon it. Most of them are on a scale of 1:62,500, or about one mile to one inch; or on a scale of 1:125,000, or about two miles to one inch. Those on the former scale cover 1-16 of a square degree; those on the latter, ¼ of a square degree. Relief is shown by contours. The contour interval varies from 5 to 100 feet, according to scale and character of country. The surveys already completed are: New Jersey, 50 sheets; Massachusetts, 54 sheets; Rhode Island, 15 sheets; Connecticut, 34 sheets. The following sheets have been completed during the year ended June 30, 1891:

#### ALABAMA.

**ASHLAND.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 33° 0′; longitude of eastern border 85° 30′.

**CLANTON.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 32° 30′; longitude of eastern border 86° 30′.

#### ARKANSAS.

**MAGAZINE, MT.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 35° 0′; longitude of eastern border 93° 30′.

**MARSHALL.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 35° 30′; longitude of eastern border 92° 30′.

**MARRILTON.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 35° 0′; longitude of eastern border 92° 30′.

**MOUNT IDA.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 34° 30′; longitude of eastern border 93° 30′.

**MOUNTAIN VIEW.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 35° 30′; longitude of eastern border 92° 0′.

CALIFORNIA.

**COLFAX.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 39° 0′; longitude of eastern border 120° 30′.

**PLACERVILLE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 38° 30′; longitude of eastern border 120° 30′.

COLORADO.

**APISHAPA.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 37° 30′; longitude of eastern border 104° 0′.

**AROYA.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 38° 30′; longitude of eastern border 103° 0′.

**CATLIN.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 38° 0′; longitude of eastern border 103° 30′.

**HIGBEE.** Scale 1:125,000; contour interval 25 and 50 ft. Latitude of southern border 37° 30′; longitude of eastern border 103° 0′.

**LAS ANIMAS.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 38° 0′; longitude of eastern border 103° 0′.

**NEPESTA.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 38° 0′; longitude of eastern border 104° 0′.

**PUEBLO.** Scale 1:125,000; contour interval 25, 50 and 100 ft. Latitude of southern border 38° 0′; longitude of eastern border 104° 30′.

**SANBORN.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 38° 30′; longitude of eastern border 103° 30′.

**SUFFOLK.** Scale 1:125,000; contour interval 25 ft. Latitude of southern border 38° 30′; longitude of eastern border 104° 0′.

**TIMPAS.** Scale 1:125,000; contour interval 25 and 50 ft. Latitude of southern border 37° 30′; longitude of eastern border 103° 30′.

CONNECTICUT.

**BRIDGEPORT.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 0′; longitude of eastern border 73° 0′.

**DERBY.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 15′; longitude of eastern border 73° 0′.

**MERIDEN.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 30′; longitude of eastern border 72° 45′.

**NEW HAVEN.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 15′; longitude of eastern border 72° 45′.

**NEW MILFORD.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 30′; longitude of eastern border 73° 15′.

**NORWALK.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 0′; longitude of eastern border 73° 15′.

**WATERBURY.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 30′; longitude of eastern border 73° 0′.

GEORGIA.

**ATLANTA.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 33° 30′; longitude of eastern border 84° 0′.

**CARNESVILLE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 34° 0′; longitude of eastern border 83° 0′.

**GAINESVILLE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 34° 0′; longitude of eastern border 83° 30′.

IDAHO.

**CAMAS PRAIRIE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 43° 0′; longitude of eastern border 115° 0′.

**MOUNTAIN HOME.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 43° 0′; longitude of eastern border 115° 30′.

ILLINOIS.

**DESPLAINES.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 41° 65′; longitude of eastern border 87° 45′.

**RIVERSIDE.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 41° 30′; longitude of eastern border 87° 45′.

IOWA.

**BALDWIN.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 42° 0′; longitude of eastern border 90° 45′.

**CEDAR RAPIDS.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 45′; longitude of eastern border 91° 30′.

**DAVENPORT.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 30′; longitude of eastern border 90° 30′.

**DE WITT.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 45′; longitude of eastern border 90° 30′.

**DURANT.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 30′; longitude of eastern border 90° 45′.

**MAQUOKETA.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 42° 0′; longitude of eastern border 90° 30′.

**MONTICELLO.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 42° 0′; longitude of eastern border 91° 0′.

**TIPTON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 45′; longitude of eastern border 91° 0′.

**WHEATLAND.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 45′; longitude of eastern border 90° 45′.

**WILTON JUNCTION.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 30′; longitude of eastern border 91° 0′.

KANSAS.

**ANTHONY.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 0′; longitude of eastern border 98° 0′.

**CALDWELL.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 0′; longitude of eastern border 97° 30′.

**CHENEY.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 30′; longitude of eastern border 97° 30′.

**GREAT BEND.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 38° 0′; longitude of eastern border 98° 30′.

**HUTCHINSON.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 38° 0′; longitude of eastern border 97° 30′.

**KINGMAN.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 30′; longitude of eastern border 98° 0′.

**KINSLEY.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 30′; longitude of eastern border 99° 0′.

**LARNED.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 38° 0′; longitude of eastern border 99° 0′.

**LYONS.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 38° 0′; longitude of eastern border 98° 0′.

**NESS CITY.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 38° 0′; longitude of eastern border 99° 30′.

**PRATT.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 30′; longitute of eastern border 98° 30′.

**SPEARVILLE.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 37° 30′; longitude of eastern border 99° 30′.

KENTUCKY.

**HAZARD.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 37° 0′; longitute of eastern border 83° 0′.

**MANCHESTER.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 37° 30′; longitude of eastern border 83° 30′.

**SALYERSVILLE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 37° 30′; longitude of eastern border 83° 0′.

MAINE.

**BIDDEFORD.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 15′; longitude of eastern border 70° 15′.

**KENNEBECK.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 15′; longitude of eastern border 70° 30′.

**NEWFIELD.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 30′; longitude of eastern border 70° 45′.

**PORTLAND.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 30′; longitude of eastern border 70° 15′.

MAINE AND NEW HAMPSHIRE.

**DOVER.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 0′; longitude of eastern border 70° 45′.

**YORK.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 0′; longitude of eastern border 70° 30′.

MONTANA.

**LIVINGSTON.** Scale 1:250,000; contour interval 200 ft. Latitude of southern border 45° 0′; longitude of eastern border 110° 0′.

NEVADA.

**CARSON.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 39° 0′; longitude of eastern border 119° 30′.

NEW HAMPSHIRE AND VERMONT.

**BRATTLEBORO.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 42° 45′; longitude of eastern border 72° 30′.

NEW JERSEY.

**BRIDGETON.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 15′; longitude of eastern border 75° 0′.

**GLASSBORO.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 30′; longitude of eastern border 75° 0′.

**EGG HARBOR.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 15′; longitude of eastern border 74° 30′.

**HAMMONTON.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 30′; longitude of eastern border 74° 45′.

**HIGH BRIDGE.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 30′; longitude of eastern border 74° 45′.

**MAURICE COVE.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 0′; longitude of eastern border 75° 0′.

**MULLICAS.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 30′; longitude of eastern border 74° 30′.

**SALEM.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 30′; longitude of eastern border 75° 15′.

**SOMERVILLE.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 30′; longitude of eastern border 74° 30′.

**TUCKAHOE.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 15′; longitude of eastern border 74° 45′.

NEW JERSEY AND DELAWARE.

**BAYSIDE.** Scale 1:62,500; contour interval 10 ft. Latitude of southern border 39° 15′; longitude of eastern border 75° 15′.

NEW JERSEY AND PENNSYLVANIA.

**BURLINGTON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 0′; longitude of eastern border 74° 45′.

**DELAWARE WATER GAP.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 45′; longitude of eastern border 75° 0′.

**EASTON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 30′; longitude of eastern border 75° 0′.

**LAMBERTVILLE.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 15′; longitude of eastern border 74° 45′.

**PHILADELPHIA.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 39° 45′; longitude of eastern border 75° 0′.

**WALLPACK.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 0′; longitude of eastern border 74° 45′.

NEW YORK.

**BROOKLYN.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 0′; longitude of eastern border 73° 45′.

NEW YORK AND CONNECTICUT.

**STAMFORD.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 0′; longitude of eastern border 73° 30′.

NEW YORK AND NEW JERSEY.

**GREENWOOD LAKE.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 0′; longitude of eastern border 74° 15′.

**HARLEM.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 45′; longitude of eastern border 73° 45′.

**RAMAPO.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 0′; longitude of eastern border 74° 0′.

**STATEN ISLAND.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 30′; longitude of eastern border 74° 0′.

NORTH CAROLINA.

**WILKESBORO.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 36° 0′; longitude of eastern border 81° 0′.

PENNSYLVANIA.

**CATAWISSA.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 45′; longitude of eastern border 76° 15′.

**LEBANON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 40° 15′; longitude of eastern border 76° 15′.

**SCRANTON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 41° 15′; longitude of eastern border 75° 30′.

TEXAS.

**ALBANY.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 32° 30′; longitude of eastern border 99° 0′.

**ANSON.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 32° 30′; longitude of eastern border 99° 30′.

**CLEBURNE.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 32° 0′; longitude of eastern border 97° 0′.

**DALLAS.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 32° 20′; longitude of eastern border 96° 20′.

**FORT WORTH.** Scale 1:125,000; contour interval 20 ft. Latitude of southern border 32° 30′; longitude of eastern border 97° 0′.

**PALO PINTO.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 32° 30′: longitude of eastern border 98° 0′.

**WEATHERFORD.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 32° 30′; longitude of eastern border 97° 30′.

VERMONT.

**WILMINGTON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 42° 45′; longitude of eastern border 72° 45′.

VIRGINIA.

**FARMVILLE.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 37° 0′; longitude of eastern border 78° 0′.

**PALMYRA.** Scale 1:125,000; contour interval 50 ft. Latitude of southern border 37° 30′; longitude of eastern border 78° 0′.

**ROANOKE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 37° 0′; longitude of eastern border 79° 30′.

VIRGINIA AND WEST VIRGINIA.

**DUBLIN.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 37° 0′; longitude of eastern border 80° 30′.

WEST VIRGINIA.

**HUNTERSVILLE.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 38° 0′; longitude of eastern border 80° 0′.

**KANAWHA FALLS.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 38° 0′; longitude of eastern border 81° 0′.

**NICHOLAS.** Scale 1:125,000; contour interval 100 ft. Latitude of southern border 38° 0′; longitude of eastern border 80° 30′.

WISCONSIN.

**MADISON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 0′; longitude of eastern border 89° 15′.

**STOUGHTON.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 42° 45′; longitude of eastern border 89° 0′.

**SUN PRAIRIE.** Scale 1:62,500; contour interval 20 ft. Latitude of southern border 43° 0′; longitude of eastern border 89° 0′.

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**UNITED STATES.** Map of the United States, compiled under the direction of Henry Gannett, chief topographer, and Harry King, chief draughtsman. Scale 1:2,500,000, approximated, 40 miles to the inch. 1890.

—— *Same.* Without contour lines.

## GENERAL LAND OFFICE.

INTERIOR DEPARTMENT.

*Note.*—The Land Office publishes a map of the United States (1890): scale 40 miles to the inch, size 65 by 82 inches: price $1.25. Also general maps of, and township plats in every State and Territory in which public lands are located; that is to say, Alabama, Arizona, Arkansas, California, Colorado, Florida, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Utah, Washington, Wisconsin, Wyoming. Price 25c. each. No new editions since January, 1891.

## ENGINEER'S OFFICE.

WAR DEPARTMENT.

*Note.*—The survey and charting of the northern and northwestern lakes is in charge of the engineer's office of the War Department. The catalogue of charts embraces about 75 titles, giving the exact location, scale and date of publication. They are sold at the uniform price of 30c. each. None have been published in 1891.

# PRICES CURRENT FOR THE GOVERNMENT PUBLICATIONS NAMED IN NUMBERS 2-5, VOL. 7.

The figures in the front columns refer to similar figures at the end of the titles in the catalogue. Numbers with a star (*) are sold by the Government, at the office of publication, at the prices named. Numbers without a star are not sold by the Government, but, if not obtained gratuitously, may be bought of dealers in Government books.

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| 240. | 1 | 00 | 284. | | 05 | 346. | | 05 |
| 241. | | 10 | 285. | | 05 | 347. | | 05 |
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| 243. | | 75 | 287. | | 40 | 349.* | | 05 |
| 244. | | 05 | 288. | | 10 | 350. | | 75 |
| 245. | | 10 | 289. | | 20 | 351. | | 50 |
| 246. | | 05 | 290. | | 50 | 352. | | 25 |
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| 254. | 1 | 50 | 301.* | | 25 | 402-405, each | | 05 |
| 255. | | 15 | 302. | | 15 | 406. | | 50 |
| 256. | | 30 | 303.* | | 05 | 407. | | 05 |
| 257. | | 20 | 304.* | | 10 | 408. | | 20 |
| 258. | | 20 | 305.* | | 02 | 409. | | 10 |
| 259. | | 25 | 306. | | 05 | 410.* | | 05 |
| 260. | | 05 | 307. | | 10 | 411. | | 05 |
| 261. | | 25 | 308. | | 05 | 412, each | | 01 |
| 262. | | 25 | 309. | | 20 | 413. | | 20 |
| 263. | | 50 | 310. | | 10 | 414.* | | 05 |
| 264. | 1 | 50 | 311. | | 15 | 415.* | | 05 |
| 265-268, each | | 15 | 312. | | 10 | 416. | | 05 |
| 269. | | 25 | 313. | | 05 | 418. | | 50 |
| 270. | | 05 | 314. | | 05 | 419.* | | 05 |
| 271. | | 10 | 315. | | 15 | 420.* | | 10 |
| 272. each | | 15 | 316-327, each | | 05 | 421.* | | 10 |
| 273. | | 05 | 328. | 4 | 00 | 422. | 1 | 00 |
| 274. | | 20 | 329-335, each | | 05 | 423. | | 50 |
| 275. | | 30 | 336. | | 50 | 424-425, each | | 25 |
| 276. | | 50 | 337.* | | 05 | 426. | | 85 |
| 277. | | 05 | 338.* | | 10 | 427. | | 25 |
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| 435–436, each | | 05 | 504.* | | 05 | 563.* | | 10 |
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| 438. | 1 | 50 | 506.* | | 02 | 565. | | 10 |
| 439. | | 05 | 506*a*. | | 50 | 566.* | | 50 |
| 440. | 2 | 00 | 506*b*. | 1 | 25 | 567–570, each | | 05 |
| 441. | 1 | 50 | 506*c*, each | | 50 | 571–572, each | | 10 |
| 442. | | 05 | 506*d*. | | 25 | 573–580, each | | 05 |
| 443. | | 25 | 507.* | | 70 | 581. | | 75 |
| 444. | 1 | 00 | 508. | 1 | 00 | 582.* | | 10 |
| 445. | 1 | 00 | 509*–511,* each | | 10 | 583. | | 05 |
| 446. | | 20 | 512. | | 25 | 584. | | 10 |
| 447. | | 30 | 513. | 3 | 50 | 585, each | 1 | 00 |
| 448. | | 25 | 514. | | 50 | 586. | | 10 |
| 449–452, each | | 10 | 515, each | | 05 | 586*a*. | | 75 |
| 453. | | 50 | 516–518, each | | 15 | 587. | 1 | 50 |
| 454. | | 30 | 520, each | | 15 | 588. | | 10 |
| 455.* | | 10 | 521, each | | 05 | 589. | | 50 |
| 456. | | 50 | 523. | | 10 | 590. | | 25 |
| 457. | | 40 | 524. | | 30 | 591. | | 05 |
| 458–460,* each | | 10 | 525. | | 25 | 592. | | 50 |
| 461. | | 20 | 526. | | 05 | 593. | 4 | 00 |
| 462.* | | 10 | 527–532, each | | 15 | 594. | | 25 |
| 463.* | | 15 | 533. | | 10 | 595. | | 15 |
| 464.* | | 05 | 534. | | 05 | 596. | | 05 |
| 465. | 5 | 00 | 535. | | 05 | 597. | | 35 |
| 466. | | 10 | 536. | | 50 | 598. | | 15 |
| 467. | | 60 | 537. | | 10 | 599. | 2 | 00 |
| 468. | | 75 | 538. | | 05 | 600. | 1 | 50 |
| 469. | | 40 | 539. | | 75 | 601. | | 50 |
| 470. | 1 | 00 | 540. | | 15 | 602. | | 50 |
| 471. | | 20 | 541. | | 20 | 603. | | 05 |
| 472. | | 05 | 542. | | 10 | 604. | | 40 |
| 473. | | 25 | 543. | | 75 | 605. | | 35 |
| 474.* | | 50 | 544. | | 15 | 606, lot | 2 | 55 |
| 475.* | | 05 | 545*–546,* each | | 10 | 607, lot | 1 | 80 |
| 476.* | | 05 | 547. | | 05 | 608, lot | 1 | 80 |
| 477.* | | 10 | 547*a*. | | 10 | 609. | | 85 |
| 478.* | | 02 | 548. | | 50 | 609*a*. | | 05 |
| 479.* | | 02 | 549.* | 1 | 00 | 610. | | 10 |
| 480.* | | 05 | 550. | | 50 | 610*a*. | | 30 |
| 481.* | | 05 | 551, each | | 05 | 610*b*. | | 25 |
| 482.* | | 05 | 552. | | 50 | 611. | | 05 |
| 483.* | | 02 | 553. | | 25 | 612.* | | 02 |
| 484.* | | 05 | 554. | 1 | 50 | 613.* | | 05 |
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| 487.* | | 05 | 557. | 1 | 00 | 616.* | | 10 |

# UNITED STATES GOVERNMENT PUBLICATIONS.

## MONTHLY CATALOGUE.

JOHN H. HICKCOX, - - - - - - - - - - Editor.

VOL. VII. WASHINGTON, D. C., JUNE, 1891. No. 6.

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These seven numbers of the Catalogue complete Vol. 7, including Index and title page. We are also happy to announce that the numbers of Vol. 6 necessary to complete it are under way, and we shall do our best to issue all the missing parts before 1895.

# CATALOGUE.

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*Note:* All the publications described in this number are octavo in size, unless otherwise mentioned.

**ABBOTT, JOHN T.**, *U. S. Minister.* Industrial possibilities of Colombia; 9pp.
U. S. Consular Reports, no. 130.

—— Foreign commerce of Colombia; 17pp.
U. S. Consular Reports, no. 136.

**ADAMS, A. C.**, and **KENDALL, W. C.** Report upon an investigation of the fishing grounds off the west coast of Florida. [Extracted from the Bulletin of the U. S. Fish Commission, v. ix, for 1889.] Washington, 1891; 23pp., 1pl.

**ADAMS, HENRY C.** Transportation on the Ohio river and its tributaries above Cincinnati. 4°, 8pp.
U. S. Census, 1890: Bulletin no. 88.

—— Railway statistics. Group ii. New York, New Jersey, Pennsylvania, Delaware, Maryland, and part of West Virginia. 4°, 16pp.
U. S. Census, 1890: Bulletin no. 115.

—— *Same.* Group iii. Ohio, Indiana, Southern Peninsula of Michigan, and parts of Pennsylvania and New York. 4°, 15pp.
U. S. Census, 1890: Bulletin no. 120.

—— *Same.* Group iv. Virginia, W. Virginia, North Carolina, and South Carolina. 4°, 15pp.
U. S. Census, 1890: Bulletin no. 149.

—— *Same.* Group v. Kentucky, Tennessee, Mississippi, Alabama, Georgia, and Florida.
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—— *Same.* Group vi. Illinois, Northern peninsula of Michigan, Minnesota, Wisconsin, Iowa, North and South Dakota, and Missouri. 4°, 15pp.
U. S. Census, 1890: Bulletin no. 155.

**ADAMS, LYELL T.**, *Consul.* Swiss exports to the United States; 3pp.
U. S. Consular Reports, no. 128.

—— Swiss savings banks; 2pp.
U. S. Consular Reports, 135.

**AGRICULTURAL DEPARTMENT.** Catalogue of economic plants in the collection of the U. S. Department of Agriculture. By William Saunders. [From the Annual report of the Secretary of Agriculture, 1890.] Washington, 1891; 42pp.

—— Papers on horticultural and kindred subjects, by William Saunders. Reprinted from reports of the Department of Agriculture 1863–1889. Washington, 1891; 124pp.

—— Progress report on artesian and underflow investigation between the 97° w. long. and the foot-hills of the Rocky mountains, with maps and profiles. Part ii. By E. S. Nettleton. Washington, 1891; 14pp., 12pl.
Sen. ex. doc. no. 53, pt. 2; 51st Cong., 2d sess.

—— Report of the special agent in charge of the artesian and underflow investigations and other irrigation inquiry for 1891. By R. J. Hinton. (From the report of the secretary of agriculture for 1891.) Washington, 1892; 450pp., map.

—— Recent facts regarding the ramie industry in America, with brief statements relating to manufacture in Europe, etc. By Charles Richards Dodge. (Reprinted from the report of the statistician for May, 1891.) Washington, 1891; 16pp.

—— Report on the use of maize (Indian corn) in Europe and the probabilities of its extension. By C. J. Murphy, H. W. Wiley, and B. M. Snow. Washington, 1891; 36pp.

—— **Bureau of Animal Industry.** Special report on the cause and prevention of swine plague. Results of experiments conducted under direction of Dr. D. E. Salmon, chief of the bureau, by T. Smith, m. d. Washington, 1891; 166pp., 12pl.

—— **Division of Botany.** Bulletin no. 12. Grasses of the southwest. Plates and descriptions of the grasses of the desert region of western Texas, New Mexico, Arizona, and southern California. Part ii. By Dr. Geo. Vasey. Issued December, 1891. Washington, 1891. Large 8°, iii+50pp. text, 50 plates, xvipp.

—— —— Bulletin no. 12, part 2. Illustrations of North American grasses. Vol. 1. Grasses of the southwest. Plates and descriptions of the grasses of the desert region of western Texas, New Mexico, Arizona, and southern California. By Dr. Geo. Vasey. Washington, 1891. Large 8vo, vi, 100pp. descriptions, and 100 plates.

—— —— Bulletin no. 14. Ilex cassine, the aboriginal North American tea. By E. M. Hale, m. d. Washington, 1891; 22pp., 1pl.

—— —— *Contributions from the U. S. National Herbarium.* Vol. i, no. iv. Issued June 30, 1891. List of plants collected by Dr. Edward Palmer in 1890 in Western Mexico and Arizona. By J. N. Rose. Washington, 1891, vii, 91–128pp., pl. 2–11.

**AGRICULTURAL DEPARTMENT: Division of Botany**—*Continued.*

—— —— *Same.* Vol. 2, no. 1. Issued June 27, 1891. Manual of the phanerogams and pteridophytes of Western Texas. By J. M. Coulter. Polypetalæ. Washington, 1891; v, 1–152+ivpp.

—— **Division of Entomology.** Bulletin no. 25. Destructive locusts. By. C. V. Riley. Washington, 1891; 62pp., 13pls.

—— —— *Insect Life.* Periodical bulletin (double number). June, 1891: vol. 3, nos. 9 and 10; pp. 359–432. *Same.* Nos. 11 and 12. August, 1891; pp. 433–519. *Same.* Vol. iv, nos. 1 and 2. October, 1891; pp. 1–86. *Same.* Nos. 3 and 4. November, 1891; pp. 87–162. *Same.* Nos. 5 and 6. December, 1891; pp. 163–230.

—— —— Circular. No. 1, second series. Condensed information concerning some of the more important insecticides. May, 1891; 7pp.

—— —— *Same.* No. 2. The hop plant-louse and the remedies to be used against it. June, 1891; 7pp., plate.

—— —— Entomological Bulletin no. 6 (second edition). The imported elm-leaf beetle: its habits and natural history, and means of counteracting its injury. By C. V. Riley. Washington, 1891; 21pp., 1pl.

—— —— Habits and natural history of the ox bot in the United States. By C. V. Riley. (Reprinted from *Insect Life.*) Washington, 1892; 16pp.

—— **Division of Forestry.** Bulletin no. 5. What is forestry? By B. E. Fernow. Washington, 1891; 52pp.

—— —— Timber physics—Preliminary report. Need of the investigation. By B. E. Fernow. (From Forestry Bulletin no. 6.) Washington, 1892; 4°, iii, 16pp.

—— **Division of Microscopy.** Food products. No. 1. Twelve edible mushrooms of the United States with directions for their identification and their preparation for food. By Thomas Taylor. Washington, 1892; 20pp., 1pl.

—— **Division of Ornithology and Mammalogy.** *North American Fauna.* No. 5. July 30, 1891. Results of biological reconnoissance of south central Idaho, etc. By Dr. C. Hart Merriam. Washington, 1891; viii+132pp., 1 colored plate and 3 uncolored.

—— —— Circular. No. 12. April, 1891. Directions for collecting the stomachs of birds. 4°, 3pp.

—— —— *Same.* Nos. 13, 14. (Relate to office details.)

—— **Division of Pomology.** Bulletin no. 4. Report on the relative merit of various stocks for the orange, with notes on *mal di goma* and the mutual influence of stock and scion. Washington, 1891; 21pp.

AGRICULTURAL DEPARTMENT: **Division of Pomology**—*Cont'd.*

—— —— Circular. No. 7. Inquiry relative to peach culture; March, 1891; 4°, 4pp.

—— —— *Same.* No. 8. Inquiry relative to grape culture; March, 1892; 4°, 4pp.

—— **Division of Statistics.** Report of the statistician. New series, no. 85. June, 1891. Report on the acreage of wheat and cotton, and condition of cereal crops, and on freight rates of transportation companies; pp. 239–302. *Same.* No. 86. July, 1891; pp. 303–374. *Same.* No. 87. August, 1891; pp. 375–437. *Same.* No. 88. September, 1891; pp. 439–518. *Same.* No. 89. October, 1891; pp. 519–590. *Same.* No. 90. November, 1891; pp. 591–634. *Same.* No. 91. December, 1891; pp. 635–698.

—— —— Fiber investigations. Report no. 3. A report on sisal hemp culture in the United States, with statements relating to the industry in Yucatan and the Bahama Islands, etc. By C. R. Dodge. Washington, 1891; 59pp., inc. cuts, 8pls.

—— **Division of Vegetable Pathology.** Bulletin no. 1. Additional evidence on the communicability of peach yellows and peach rosette. By E. F. Smith. Washington, 1891; 65pp., 39pl.

—— —— A disease of almond trees, and suggestions in regard to the treatment of *cercospora circumscissa.* By N. B. Pierce. (Reprinted from the *Journal of Mycology.*) April, 1892; 12pp., 4pls.

—— —— *The Journal of Mycology*, vol. vi, no. 4. Issued April 30, 1891. Washington, 1891; pp. 137–207, 12pls.

—— —— *Same.* Vol. vii, no. 1. (Issued September 10, 1891). Washington, 1891; 111+63pp., 10pls.

—— **Office of Experiment Stations.** Bulletin no. 2. Digest of the annual reports of the agricultural experiment stations in the U. S. for 1888. Part 2. Washington, 1891; 173pp.

—— —— Miscellaneous Bulletin no. 3. Proceedings of the 4th annual convention of the Association of American Agricultural Colleges and Experiment Stations, held at Champaign, Ill. November 11–13, 1890. Edited by A. W. Harris and H. E. Alvord. Washington, 1891; 156pp.

—— —— Circular. No. 18. List of originators of fruits and vegetables in the United States; with addresses and names of specialties. Washington, 1891; 12pp.

—— —— *Same.* No. 19. Experiments with fertilizers on fruits and vegetables, to study the feeding capacities of the plants and the variations due to the action of fertilizers; March, 1891; 4pp.

AGRICULTURAL DEPARTMENT: Office of Experiment Stations—*Continued.*

—— —— *Same.* No. 20. Organization list of the agricultural experiment stations in the U. S.; June, 1891; 21pp.

—— —— *Same.* No. 21. Fifth annual convention of the Association of American Agricultural Colleges and Experiment Stations. Delegates and visitors registered August 13, 1891; 4pp.

—— —— *Same.* No. 22. Subject index of the literature of agricultural experiment stations and kindred institutions. [Information concerning.] 2pp.

—— *Experiment Station Record* [Monthly], June, 1891, vol. 2, no. 11; vii, 625–698pp. *Same.* July, 1891. Vol. 2, no. 12; pp. vi, 699–853+xxxii. *Same.* August, 1891. Vol. iii, no. 1; vi, 1–72pp. *Same.* September, 1891. Vol. iii, no. 2; vi, 73–138pp. *Same.* October, 1891. Vol. iii, no. 3; 1891; vi, 139–206pp.

—— Weather Bureau. Special report of the chief to the secretary of agriculture, 1891. Washington, 1891; 26pp.

—— —— *Monthly Weather Review.* General weather service of the United States. July–December, 1891. Vol. 19, nos. 6–12. 4°.

—— —— Instructions for special river observers. Washington, 1892; 50pp., inc. cuts.

—— —— Instructions to observers, and code for enciphering reports at cotton region and sugar and rice stations. Washington, 1892; 27pp. and 3–16.

—— —— Table for obtaining the temperature of dew point, relative humidity, and vapor pressure. (Reprinted from Instructions for voluntary observers.) Washington, 1892; 23pp.

—— —— Cipher code for wind signal orders, amending the Instructions to special display men; Washington, 1892. 10pp.

—— —— Instructions to special display men of the weather bureau. Washington, 1892; 13pp.

—— —— *Weather Map.* (Issued twice daily, showing weather condition throughout the U. S., and furnishing forecasts of probable changes.) Size 19×24 inches.

—— —— *Weather Crop Bulletin*, 1891. Nos. 22–39. Size 19×24 inches.

—— —— *Daily Bulletin.* (Issued at Weather Bureau station, outside of Washington.) 1892. Size 6×14 inches.

—— —— Wreck chart of the great lakes, showing the location of wrecks, through founderings, gales of winds, fogs, and general stormy weather conditions from 1886 to 1891. Size 24×33 inches.

**ALLDERDICE, W. H.,** *U. S. N.* Notes on [naval] machinery; 51pp., 5pls.
Navy Dept., Office of Naval Intelligence: General information series no. x, pp. 71-121.

**ALLEN, JAMES,** *U. S. A.* Relation of dew-point to rain forecasts. Extract no. 24, from annual report of the chief signal officer, 1890. Washington, 1891; 6pp., 3 maps.

**ALLEN, J. A.** Descriptions of two supposed new species of mice from Costa Rica and Mexico, with remarks on Hesperomys melanophrys of Coues. From Proceedings of the U. S. Nat. Mus., v. xiv. [No. 850.] Washington, 1891; 3pp.

**ALLWOOD, WILLIAM B.** Standard fittings for spray machinery; 2pp.
Insect Life, vol. iv, pp. 58-59.

—— A note on remedies for the horn fly; 2pp.
Insect Life, vol. iv, pp. 68-69.

**AMERICAN EPHEMERIS AND NAUTICAL ALMANAC.** *See* Navy Dep't, Bureau of equipment.

**ANDREWS, E. A.** Report upon the Annelida Polychæta of Beaufort, N. C. From Proceedings of the U. S. Nat. Mus., v. xiv. [No. 852.] Washington, 1891; 26pp, 7pls.

**APPROPRIATIONS, NEW OFFICES,** etc. Statements showing appropriations, 2d session, 51st Congress; new offices created, salaries, etc. Prepared by T. P. Cleaves and J. C. Courts. Washington, 1891; 470pp.
Sen. mis. doc. no. 95; 51st Cong., 2d sess.

**ARMY.** Report from the committee on military affairs favoring bill to increase the efficiency of the army; December 30, 1891; 4pp.
H. R. rep. no. 3351; 51st Cong., 2d sess.

—— *Same.* To transfer army officers from the limited to the unlimited list of the retired list; January 13, 1891; 2pp.
Sen. rep. no. 1963; 51st Cong., 2d sess.

—— *Same.* Relating to certificates of merit to enlisted men of the army; January 31, 1891; 1p.
Sen. rep. no. 2121; 51st Cong., 2d sess.

—— *Same.* Relating to conferring brevet rank on officers for services in Indian campaigns; February 26, 1891; 2pp.
Sen. rep. no. 2450; 51st Cong., 2d sess.

**ASHMEAD, WILLIAM H.** An Encyrtid with six-branched antennæ; 3pp., 1 cut.
Insect Life, vol. iii, pp. 455-457.

**ASSOCIATION OF AMERICAN AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS.** Proceedings of the fourth annual convention at Champaign, Ill. November 11-13, 1890; 156pp.
Agr'l Dep't, Office of Experiment Stations: Miscellaneous Bulletin no. 3.

**ASSOCIATION OF ECONOMIC ENTOMOLOGISTS.** Proceedings of the third annual meeting, August 17-18, 1891; 70pp.
Insect Life, vol. iv, pp. 4-73.

**ATKINSON, GEORGE F.** Anthracnose of cotton; 6pp., 2pls.
Journal of Mycology, v. vi, no. 4, pp. 173-178.

—— Note on a cotton cut-worm; 1p.
Insect Life, vol. iv, p. 31.

—— Note on a Nematode leaf disease; 2pp.
Insect Life, vol. 4, pp. 31-32.

**BAKER, E. L.,** *Consul.* Foreign gold in the Argentine Republic; 2pp.
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—— The Argentine financial situation; 6pp.
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—— Land laws of the Argentine Republic; 5pp.
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**BALBI, J. F.,** *Vice-consul.* Shipping and trade of Malta; 4pp.
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**BALLANTINE, H.,** *Consul.* Municipal administration of Bombay; 3pp.
U. S. Consular Reports, no. 127.

—— The wool trade of India; 25pp.
U. S. Consular Reports, no. 127.

—— Commerce of Bombay; 4pp.
U. S. Consular Reports, no. 128.

**BARTON, CLARENCE M.** Washington; 91pp.
Treasury Dept., Bureau of Statistics: Internal commerce of the U. S., 1890; pp. 955-1045.

**BEAN, BARTON A.** Fishes collected by W. P. Seal in Chesapeake Bay, at Cape Charles City, Va., Sept. 16 to Oct. 3, 1890. From Proceedings of U. S. Nat. Mus., v. xiv. [No. 843.] Washington, 1891; 12pp.

**BEAN, TARLETON HOFFMAN.** Report on the salmon and salmon rivers of Alaska, with notes on the conditions, methods, and needs of the salmon fisheries. Reprint of H. R. mis doc. no. 211, 51st Congress. [Extracted from the Bulletin of the U. S. Fish Commission, vol. ix, for 1889, pp. 165-208.] Washington, 1891; 44 + ivpp., 43pls.

**BECK, JAMES B.,** *Senator from Kentucky.* Memorial addresses on his life and character, delivered in the Senate and House of Representatives, August 23, and September 13, 1890. Washington, 1891; 146pp., 1 port.
Sen. mis. doc. no. 26; 51st Cong., 2d sess.

**BEDLOE, EDWARD,** *Consul.* China tea and tea trade; 9pp.
U. S. Consular Reports, no. 135.

**BEISINGER, ERHARD.** Sheep and wool in Syria; 8pp.
U. S. Consular Reports, no. 132.

**BENDIRE, CHARLES.** Directions for collecting, preparing, and preserving birds' eggs and nests: Part D of Bulletin of the U. S. Nat. Mus., no. 39. Washington, 1891; 12pp.

**BENEDICT, JAMES E.,** and **RATHBUN, MARY J.** The genus Panopeus. From Proceedings of the U. S. Nat. Mus., v. xiv. [No. 858.] Washington, 1891; 30pp., 6pls.

**BENÉT, J. W.**, *U. S. A.* Principal dimensions and elements of a modern rifled cannon; 2pp., 12 fold. l.
War Dept., Ordnance Report, 1890: Appendix 43.

**BIARD, L.** Report on the true ash in products of cane sugar manufactories, incinerated with sulphuric acid; 3pp.
Agr'l Dep't, Chemical Division: Bulletin no. 31; pp. 77-79.

**BILLINGS, JOHN SHAW**, *m. d.* Social statistics of cities; 4°, 27pp.
U. S. Census, 1890: Bulletin no. 100.

**BIRKINBINE, JOHN.** Iron-ore mining industry; 4°, 32pp.
U. S. Census, 1890: Bulletin no. 113.

**BLODGETT, JAMES H.** Statistics of education: Ala., Colo., Fl., Ga., Idaho, Ind., Kans., Ky., Mo., Neb., Nev., N. J., Tenn., and 105 cities; 4°, 37pp.
U. S. Census, 1890: Bulletin no. 84.

—— Summary of statistics of education; 4°, 10pp.
U. S. Census, 1890: Extra census bulletin no. 11.

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**BRADFORD, J. S.** Trade and industries of the Leeward Islands; 1p.
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**BRAZIL.** Constitution of, 1891; 16pp.
U. S. Consular Reports, no. 128.

**BREFELD, OSKAR.** Recent investigations of smut fungi and smut diseases. Translated by E. F. Smith. (Continued); 12pp.
Journal of Mycology, v. vi, no. 4, pp. 153-164.

**BRIDGES.** Report from the committee on commerce favoring bill to authorize the Bowling Green and Northern R.R. Co. to bridge Green and Barren rivers; December 9, 1890; 2pp.
R. R. rep. no. 3261; 51st Cong., 2d sess.

—— *Same.* To authorize the construction of a railroad bridge across the Missouri river near Decatur, Neb.; December 12, 1890; 4pp.
H. R. rep. no. 3284; 51st Cong., 2d sess.

—— *Same.* To authorize the city of Albany, Ore., to construct a bridge across the Willamette river; December 16, 1890; 1p.
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—— *Same.* To authorize the Corpus Christi and South American Ry. Company to construct a bridge across the Rio Grande near Brownsville, Texas; December 16, 1890; 3pp.
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—— *Same.* To authorize the construction of a bridge across the Cumberland river for the Chesapeake & Nashville Ry.; January 6, 1891; 2pp.
H. R. rep. no. 3377; 51st Cong., 2d sess.

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—— *Same.* To authorize Quincy Pontoon Bridge Co. to construct a bridge across the Mississippi river at Quincy, Ill.; January 13, 1891; 1p.
H. R. rep. no. 3433; 51st Cong., 2d sess.

—— *Same.* To authorize the construction of a bridge over the Missouri near Omaha; January 22, 1891; 2pp.
H. R. rep. no. 3542; 51st Cong., 2d sess.

—— *Same.* To amend act to construct a bridge at South St. Paul, Minn.; January 23, 1891; 1p.
H. R. rep. no. 3557; 51st Cong., 2d sess.

—— *Same.* To authorize the Norfolk & Western R.R. Co. to bridge the Tug Fork of the Big Sandy river; January 23, 1891; 1p.
H. R. rep. no. 3560; 51st Cong., 2d sess.

—— *Same.* To authorize the Rapides Bridge Company to construct a bridge across the Red river near Alexandria, La.; January 24, 1891; 2pp.
H. R. rep. no. 3590; 51st Cong., 2d sess.

—— *Same.* To authorize the construction of a pontoon bridge across the Missouri at Lexington, Mo.; February 4. 1891; 1p.
H. R. rep. no. 3672; 51st Cong., 2d sess.

—— *Same.* To authorize the construction of a bridge across the St. Louis river between Wisconsin and Minnesota; February 5, 1891; 2pp.
H. R. rep. no. 3730; 51st Cong., 2d sess.

—— *Same.* To authorize the Coos Bay, Roseburgh, and Eastern Ry. & Nav. Co. to construct a bridge across Coal Bank Slough, Ore.; February 10, 1891; 1p.
H. R. rep. no. 3755; 51st Cong., 2d sess.

—— *Same.* To authorize the construction of a bridge across Portage Lake, Mich.; February 19, 1891; 1p.
H. R. rep. no. 3911; 51st Cong., 2d sess.

—— *Same.* At Little Rock, Ark.; February 21, 1891; 2pp.
H. R. rep. no. 3958; 51st Cong., 2d sess.

—— *Same.* At Van Buren, Ark.; February 21, 1891; 1p.
H. R. rep. no. 3959; 51st Cong., 2d sess.

—— *Same.* Across the Savannah river; March 2, 1891; 2pp.
H. R. rep. no. 4044; 51st Cong., 2d sess.

—— *Same.* Across the Missouri, between Council Bluffs and Omaha; March 2, 1891; 1p.
H. R. rep. no. 4051; 51st Cong., 2d sess.

—— *Same.* Across the Missouri, between Nebraska and Iowa; March 2, 1891; 1p.
H. R. rep. no. 4052; 51st Cong., 2d sess.

**BROWN, L. W.**, *Consul.* American flour trade in Glasgow; 5pp.
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**BRUNER, LAWRENCE.** Destructive locusts of North America, together with notes on the occurrences in 1891; 7pp.
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**BYERS, S. H. M.,** *Consul.* Steam-made embroideries; 4pp.
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**CAMPBELL, JOHN P.,** *Consul.* Rice in Madagascar; 2pp.
U. S. Consular Reports, no. 128.

**CARROLL, HENRY K.** Statistics of churches. 4°. 27+42+62+51pp.
U. S. Census, 1890: Bulletin nos. 70, 101, 131 and 152.

**CHAMBERS, JAMES C.,** *Consul.* Petroleum trade of Russia; 8pp.
U. S. Consular Reports, no. 128.

**CHERRIE, GEORGE K.** Description of new genera, species and subspecies of birds from Costa Rica. From Proceedings of the U. S. Nat. Mus., v. xiv. [No. 855.] Washington, 1891; 10pp.

—— Notes on Costa Rican birds. From Proceedings of the U. S. Nat. Mus., v. xiv. [No. 879.] Washington, 1891; 22pp.

**CLAIMS.** Report from the committee on claims favoring bill for the relief of James Hooper; December 4, 1868; 2pp.
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—— Report from the committee on Indian affairs favoring bill for the relief of A. J. McCreary; December 5, 1890; 23pp.
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—— Report from the committee on post offices, &c., as to claims of postmasters between 1864 and 1874; December 8, 1890; 17pp.
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—— Communication from the commissioner of Indian affairs in relation to salary due J. W. Wallace; December 10, 1890; 3pp.
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—— Report from the committee on claims favoring bill for the relief of certain ex-cadets; December 13, 1890; 2pp.
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—— *Same.* As to F. Rother; December 17, 1890; 4pp.
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—— Report from the committee on naval affairs favoring bill for the relief of R. L. Price; December 17, 1890; 6pp.
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—— Letter from the Secretary of the Treasury relating to claims of certain states in connection with the war of 1812: December 18, 1890; 11pp.
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—— Report from the committee on finance in the matter of W. A. De Blois; December 18, 1890; 2pp.
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—— Report from the committee on claims favoring bill for the relief of W. W. Burns; December 19, 1890; 3pp.
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—— Report from the committee on ways and means favoring bill for the relief of J. P. Downing; December 20, 1890; 2pp.
H. R. rep. no. 3331; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of C. G. Sawtelle; December 22, 1890; 2pp.
H. R. rep. no. 3346; 51st Cong., 2d sess.

—— Report of judgments rendered against the United States; January 5, 1891; 5pp.
H. R. ex. doc. no. 141; 51st Cong., 2d sess.

—— Letter from the Secretary of the Treasury relative to claim of Thayer Bros.; January 5, 1891; 2pp.
Sen. ex. doc. no. 29; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of D. H. Mitchell; January 7, 1891; 88pp.
Sen. rep. no. 1908; 51st Cong., 2d sess.

—— *Same.* As to William Jewell College; January 7, 1891; 3pp.
Sen. rep. no. 1914; 51st Cong., 2d sess.

—— *Same.* As to Albert Stubbs; January 7, 1891; 1p.
Sen. rep. no. 1915; 51st Cong., 2d sess.

—— *Same.* As to Wm. Hunter; January 7, 1891; 1p.
Sen. rep. no. 1916; 51st Cong., 2d sess.

—— *Same.* As to J. M. Lowry; January 8, 1891; 2pp.
Sen. rep. no. 1919; 51st Cong., 2d sess.

—— *Same.* As to Nathan Kimball; January 8, 1891; 4pp.
Sen. rep. no. 1923; 51st Cong., 2d sess.

—— *Same.* As to S. G. Hunter; January 9, 1891; 3pp.
H. R. rep. no. 3396; 51st Cong., 2d sess.

—— *Same.* As to J. S. Crawford; January 9, 1891; 4pp.
H. R. rep. no. 3397; 51st Cong., 2d sess.

—— *Same.* As to First Nat. Bank of Newton, Mass.; January 9, 1891; 1p.
H. R. rep. no. 3398; 51st Cong., 2d sess.

—— *Same.* As to J. R. Davis; January 10, 1891; 3pp.
H. R. rep. no. 3408; 51st Cong., 2d sess.

—— *Same.* As to the Portland Company; January 10, 1891; 9pp.
Sen. rep. no. 1948; 51st Cong., 2d sess.

—— *Same.* As to Flint & Pere Marquette R.R. Co.; January 12, 1891; 1p.
H. R. rep. no. 3417; 51st Cong., 2d sess.

—— *Same.* As to Aquilla Jones; January 12, 1891; 2pp.
H. R. rep. no. 3419; 51st Cong., 2d sess.

—— *Same.* As to H. J. Cheney; January 12, 1891; 4pp.
H. R. rep. no. 3420; 51st Cong., 2d sess.

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—— *Same.* As to W. R. Wharton; January 12, 1891; 1p.
H. R. rep. no. 3421; 51st Cong., 2d sess.

—— *Same.* As to Richmond & Danville R.R.; January 13, 1891; 2pp.
H. R. rep. no. 3451; 51st Cong., 2d sess.

—— List of claims allowed by the accounting officers of the treasury; January 13, 1891; 25pp.
H. R. ex. doc. no. 171; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of W. H. Ward; January 16, 1891; 3pp.
H. R. rep. no. 3482; 51st Cong., 2d sess.

—— *Same.* As to Western Paving Co.; January 16, 1891; 2pp.
H. R. rep. no. 3501; 51st Cong., 2d sess.

—— *Same.* As to J. Weddernburn; January 19, 1891; 1p.
H. R. rep no. 3506; 51st Cong., 2d sess.

—— *Same.* As to S. McKee; January 19, 1891; 1p.
H. R. rep. no. 3508; 51st Cong., 2d sess.

—— *Same.* As to J. A. Towle; January 19, 1891; 1p.
H. R. rep. no. 3510; 51st Cong., 2d sess.

—— *Same.* As to D. B. Washburn; January 19, 1891; 2pp.
H. R. rep. no. 3511; 51st Cong., sess.

—— Report from the committee on finance favoring bill for the relief of J. P. Downing; January 19, 1891; 2pp.
Sen. rep. no. 1990; 51st Cong., 2d sess.

—— Report from the committee on printing favoring bill for the relief of G. B. Kane & Co.; January 19, 1891; 1p.
Sen. rep. no. 1991; 51st Cong., 2d sess.

—— Letter from the secretary of the navy requesting appropriation to pay claim of John Monks & Son; January 19, 1891; 6pp.
H. R. ex. doc. no. 187; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of J. Wightman; January 20, 1891; 4pp.
H. R. rep. no. 3529; 51st Cong., 2d sess.

—— *Same.* As to D. H. Mitchell; January 20, 1891; 90pp.
H. R. rep. no. 3532; 51st Cong., 2d sess.

—— *Same.* As to R. W. Meade; January 20, 1891; 27pp.
H. R. rep. no. 3533; 51st Cong., 2d sess.

—— *Same.* As to M. A. Fulton; January 23, 1891; 4pp.
H. R. rep. no. 3539; 51st Cong., 2d sess.

—— *Same.* As to R. L. Jennings; January 23, 1891; 3pp.
H. R. rep. no. 3585; 51st Cong., 2d sess.

—— *Same.* As to T. J. Smith; January 23, 1891; 2pp.
H. R. rep. no. 3586; 51st Cong., 2d sess.

—— *Same.* As to H. A. W. Tabor; January 24, 1891; 2pp.
H. R. rep. no. 3592; 51st Cong., 2d sess.

—— *Same.* As to W. M. Keightley; January 24, 1891; 2pp.
H. R. rep. no. 3593; 51st Cong., 2d sess.

—— *Same.* As to B. F. Rockefellow; January 24, 1891; 3pp.
H. R. rep. no. 3594; 51st Cong., 2d sess.

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—— *Same.* As to R. M. Hubbard; January 19, 1891; 3pp.
H. R. rep. no. 3595; 51st Cong., 2d sess.

—— *Same.* As to L. J. Worden; January 27, 1891; 1p.
H. R. rep. no. 3612; 51st Cong., 2d sess.

—— Estimate of appropriation to settle the claims of the Umatilla commission; January 27, 1891; 2pp.
H. R. ex. doc. no. 210; 51st Cong., 2d sess.

—— Communication from the attorney general relative to the claim of Sewell Coulson; January 29, 1891; 10pp.
H. R. ex. doc. no. 214; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of C. Adams; January 30, 1891; 1p.
H. R. rep. no. 3636; 51st Cong., 2d sess.

—— *Same.* As to M. L. Ross; January 31, 1891; 2pp.
H. R. rep. no. 3641; 51st Cong., 2d sess.

—— *Same.* As to N. Kimball; January 31, 1891; 8pp.
H. R. rep. no. 3649; 51st Cong., 2d sess.

—— Deficiency estimate of appropriations for defending suits in claims against the U. S.; February 4, 1891; 3pp.
H. R. ex. doc. no. 227; 51st Cong., 2d sess.

—— List of judgments against the U. S. rendered by the court of claims; February 6, 1891; 5pp.
H. R. ex. doc. no. 234; 51st Cong., 2d sess.

—— Report from the committee on post offices, &c., adversely on bill for the relief J. S. Johnson; February 9, 1891; 2pp.
Sen. rep. no. 2167; 51st Cong., 2d sess.

—— *Same.* Favorably, as to bill for the relief of G. R. Otis; February 9, 1891; 2pp.
Sen. rep. no. 2171; 51st Cong., 2d sess.

—— List of claims arising under act of July 4, 1864, examined and allowed since January 15, 1890; February 10, 1891; 2pp.
H. R. ex. doc. no. 248; 51st Cong., 2d sess.

—— List of claims allowed January 14 to June 30, 1890; February 10, 1891; 58pp.
H. R. ex. doc. no. 249; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of W. H. Quinn; February 10, 1891; 2pp.
H. R. rep. no. 3749; 51st Cong., 2d sess.

—— *Same.* Adversely as to J. B. Jones; February 11, 1891; 3pp.
H. R. rep. no. 3769; 51st Cong., 2d sess.

—— Supplemental report of judgments rendered against the U. S.; February 11, 1891; 5pp.
H. R. ex. doc. no. 251; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of H. Clay & ors'; February 11, 1891; 2pp.
Sen. rep. no. 2187; 51st Cong., 2d sess.

—— *Same.* As to owners, &c., of vessels *Midas*, *Progress*, *Lagoda*, *D. Webster*, *and Europa;* February 11, 1891; 15pp.
Sen. rep. no. 2188; 51st Cong., 2d sess.

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—— *Same.* As to National New Haven Bank; February 11, 1891; 2pp.
Sen. rep. no. 2189; 51st Cong., 2d sess.

—— *Same.* As to Wm. Stotesbury; February 11, 1891; 2pp.
Sen. rep. no. 2190; 51st Cong., 2d sess.

—— Report from the committee on privileges and elections on claim of B. F. Rice; February 11, 1891; 1p.
Sen. rep. no. 2192; 51st Cong., 2d sess.

—— Report from the committee on finance favoring bill for the relief of R. F. Balke; February 12, 1891; 1p.
Sen. rep. no. 2222; 51st Cong., 2d sess.

—— *Same.* For relief of Hart County, Ky.; February 14, 1891; 6pp.
Sen. rep. no. 2244; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of J. B. Read; February 13, 1891; 1p.
H. R. rep. no. 3804; 51st Cong., 2d sess.

—— *Same.* Adversely as to J. M. Langston; February 13, 1891; 11pp.
H. R. rep. no. 3806; 51st Cong., 2d sess.

—— *Same.* As to J. T. Johnson; February 14, 1891; 2pp.
Sen. rep. no. 2246; 51st Cong., 2d sess.

—— Report of the First Comptroller relating to the relief of the commissioners of the sinking fund of Louisville, Ky.; February 14, 1891; 2pp.
H. R. ex. doc. no. 260; 51st Cong., 2d sess.

—— Communication from the commissioner of customs relating to account of T. G. Hayes; February 14, 1891; 2pp.
H. R. ex. doc. no. 261; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of B. F. Jones; February 16, 1891; 1p.
H. R. rep. no. 3816; 51st Cong., 2d sess.

—— *Same.* As to Wm. Moss; February 17, 1891; 7pp.
H. R. rep. no. 3825; 51st Cong., 2d sess.

—— *Same.* As to State of Florida; February 17, 1891; 1p.
H. R. rep. no. 3839; 51st Cong., 2d sess.

—— *Same.* As to A. A. Yates; February 17, 1891; 2pp.
H. R. rep. no. 3840; 51st Cong., 2d sess.

—— *Same.* As to I. Kimball; February 17, 1891; 2pp.
H. R. rep. no. 3845; 51st Cong., 2d sess.

—— *Same.* As to O. M. Laraway; February 18, 1891; 1p.
H. R. rep. no. 3860; 51st Cong., 2d sess.

—— *Same.* As to J. G. Sadler; February 18, 1891; 6pp.
H. R. rep. no. 3878; 51st Cong., 2d sess.

—— *Same.* As to Potomac Steamboat Co.; February 18, 1891; 2pp.
Sen. rep. no. 2309; 51st Cong., 2d sess.

—— *Same.* As to Charles Wording; February 18, 1891; 5pp.
Sen. rep. no. 2310; 51st Cong., 2d sess.

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—— *Same.* As to owners of buildings on Hot Springs' Mountain reservation; February 19, 1891; 3pp.
Sen. rep. no. 2326; 51st Cong., 2d sess.

—— Report from the committee on indian affairs favoring bill for the relief of estate of Ramsay Cooks; February 19, 1891; 3pp.
Sen. rep. nos. 2329, and 2330; 51st Cong., 2d sess.

——Report from the committee on claims, favoring bill for the relief of T. C. Monroe; February 19, 1891; 1p.
H. R. rep. no. 3895; 51st Cong., 2d sess.

—— *Same.* As to Jacob Kern; February 19, 1891; 2pp.
H. R. rep. no. 3906; 51st Cong., 2d sess.

—— *Same.* As to G. Groezinger; February 19, 1891; 2pp.
H. R. rep. no. 3908; 51st Cong., 2d sess.

—— *Same.* As to E. M. Blum; February 20, 1891; 2pp.
H. R. rep. no. 3912; 51st Cong., 2d sess.

—— *Same.* As to C. E. Whitall; February 20, 1891; 1p.
H. R. rep. no. 3913; 51st Cong., 2d sess.

—— *Same.* As to Merchants & Miners Transportation Co.; February 20, 1891; 2pp.
H. R. rep. no. 3914; 51st Cong., 2d sess.

—— *Same.* As to M. Pendergrast; February 20, 1891; 1p.
H. R. rep. no. 3935; 51st Cong., 2d sess.

—— *Same.* As to D. C. Rodman; February 20, 1891; 2pp.
H. R. rep. no. 3936; 51st Cong., 2d sess.

—— *Same.* As to E. M. Moore; February 20, 1891; 1p.
H. R. rep. no. 3954; 51st Cong., 2d sess.

—— *Same.* As to owners of private dies; February 20, 1891; 1p.
H. R. rep. no. 3955; 51st Cong., 2d sess.

—— *Same.* As to I. P. Tice; February 21, 1891; 12pp.
H. R. rep. no. 3957; 51st Cong., 2d sess.

—— *Same.* As to T. B. McElwee, February 21, 1891; 1p.
Sen. rep. no. 2352; 51st Cong., 2d sess.

—— *Same.* As to H. S. French; February 21, 1891; 2pp.
Sen. rep. no. 2353; 51st Cong., 2d sess.

—— *Same.* As to Samuel Howard; February 21, 1891; 2pp.
Sen. rep. no. 2354; 51st Cong., 2d sess.

—— *Same.* As to Thomas Black; February 21, 1891; 2pp.
Sen. rep. no. 2355; 51st Cong., 2d sess.

—— *Same.* As to Mrs. M. J. Donahoe; February 21, 1891; 4pp.
Sen. rep. no. 2356; 51st Cong., 2d sess.

—— *Same.* As to North German Lloyd Steamship Company; February 21, 1891; 3pp.
Sen. rep. no. 2357; 51st Cong., 2d sess.

—— *Same.* As to W. B. Reaney; February 21, 1891; 6pp.
Sen. rep. no. 2358; 51st Cong., 2d sess.

—— *Same.* As to John Roach; February 21, 1891; 7pp.
Sen. rep. no. 2359; 51st Cong., 2d sess.

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—— *Same.* As to Allard & Crozier; February 21, 1891; 1p.
Sen. rep. no. 2360; 51st Cong., 2d sess.

—— *Same.* As to G. M. Clapp; February 21, 1891; 6pp.
Sen. rep. no. 2362; 51st Cong., 2d sess.

—— *Same.* As to W. B. Stokes and o'rs; February 24, 1891; 2pp.
H. R. rep. no. 3974; 51st Cong., 2d sess.

—— *Same.* As to Chas. Blake; February 24, 1891; 4pp.
H. R. rep. no. 3975; 51st Cong., 2d sess.

—— *Same.* As to J. E. Tolfree; February 24, 1891; 2pp.
H. R. rep. no. 3976; 51st Cong., 2d sess.

—— *Same.* As to C. Grenn; February 24, 1891; 3pp.
H. R. rep. no. 3977; 51st Cong., 2d sess.

—— *Same.* As to N. Plummer; February 24, 1891; 1p.
H. R. rep. no. 3983; 51st Cong., 2d sess.

—— *Same.* As to Nat. New Haven Bank; February 24, 1891; 2pp.
H. R. rep. no. 3984; 51st Cong., 2d sess.

—— *Same.* As to P. B. Sinnott; February 24, 1891; 1p.
H. R. rep. no. 3985; 51st Cong., 2d sess.

—— *Same.* Adversely, as to S. B. Bell; February 24, 1891; 1p.
H. R. rep. no. 3990; 51st Cong., 2d sess.

—— *Same.* Favorably as to M. Carling; February 26, 1891; 2pp.
H. R. rep. no. 4007; 51st Cong., 2d sess.

—— *Same.* As to W. R. Wheaton and C. H. Chamberlain; February 26, 1891; 23pp.
H. R. rep. no. 4017; 51st Cong., 2d sess.

—— *Same.* As to Mrs. A. Shirley; February 26, 1891; 2pp.
Sen. rep. no. 2492; 51st Cong., 2d sess.

—— *Same.* As to E. A. Brownlow; February 26, 1891; 2pp.
Sen. rep. no. 2493; 51st Cong., 2d sess.

—— Communication from the fourth auditor in regard to appropriation for claims of naval officers for service on receiving ship; February 26, 1891; 2pp.
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—— Estimate from the attorney-general for defending suits in claims against the U. S.; February 27, 1891; 2pp.
Sen. ex. doc. no. 63; 51st Cong., 2d sess.

—— Supplemental list of claims allowed by the accounting officers of the treasury; February 27, 1891; 12pp.
Sen. ex. doc. no. 67; 51st Cong., 2d sess.

—— Supplemental list of judgments of the court of claims; February 27, 1891; 1p.
Sen. ex. doc. no. 69; 51st Cong., 2d sess.

—— Report from the committee on claims, adversely as to bill for relief of E. D. Crane; February 27; 2pp.
H. R. rep. no. 4020; 51st Cong., 2d sess.

—— *Same.* Favorably as to J. M. Eddy, &c.; February 28, 1891; 3pp.
Sen. rep. no. 2548; 51st Cong., 2d sess.

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—— *Same.* As to Warren Hall; February 28, 1891; 2pp.
Sen. rep. no. 2676; 51st Cong., 2d sess.

—— Report from the committee on post-offices, &c., favoring bill for the relief of A. C. Copwell; February 28, 1891; 2pp.
Sen. rep. no. 2672; 51st Cong., 2d sess.

—— Report from the committee on claims favoring bill for the relief of C. P. Culver; March 2, 1891; 1p.
H. R. rep. no. 4030; 51st Cong., 2d sess.

—— *Same.* As to W. T. Crump; March 2, 1891; 4pp.
H. R. rep. no. 4050; 51st Cong., 2d sess.

—— *Same.* As to P. A. Leatherby; March 2, 1891; 1p.
H. R. rep. no. 4056; 51st Cong., 2d sess.

—— *Same.* As to Dabney, Simmons & Co.; March 3, 1891; 1p.
Sen. rep. no. 2623; 51st Cong., 2d sess.

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**COLLINS, JOSEPH WILLIAM.** Notes on the oyster fishery of Connecticut. [Extracted from the Bulletin of the U. S. Fish Commission, v. ix., for 1889.] Washington, 1891; 36pp., 8pls.

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—— The poplar gonioctena; 1p.
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—— History of the hydrocyanic acid gas treatment for scale insects; 4pp.
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**COURT OF CLAIMS.** Opinion of the court dismissing the case of O. H. Perry, adm'r; December 9, 1890; 3pp.
Sen. mis. doc. no. 16; 51st Cong., 2d sess.

—— Finding of the court in case of E. J. Conard et al.; December 9, 1890; 4pp.
H. R. mis. doc. no. 17; 51st Cong., 2d sess.

—— *Same.* Case of P. T. Turnley; December 9, 1890; 10pp.
H. R. mis. doc. no. 19; 51st Cong., 2d sess.

—— *Same.* Case of C. Calhoon; December 9, 1890; 3pp.
H. R. mis. doc. no. 21; 51st Cong., 2d sess.

—— *Same.* Case of R. Von Balsan; December 11, 1890; 2pp.
H. R. mis. doc. no. 27; 51st Cong., 2d sess.

—— *Same.* Case of D. Conard; December 11, 1890; 2pp.
H. R. mis. doc. no. 28; 51st Cong., 2d sess.

—— *Same.* Case of S. E. Rogers; December 11, 1890; 2pp.
H. R. mis. doc. no. 29; 51st Cong., 2d sess.

—— *Same.* Case of W. T. Manson; December 11, 1890; 2pp.
H. R. mis. doc. no. 30; 51st Cong., 2d sess.

—— *Same.* Case of H. G. Youngs; December 11, 1890; 2pp.
H. R. mis. doc. no. 31; 51st Cong., 2d sess.

—— *Same.* Case of Reformed Church, Sharpsburg, Md.; December 11, 1890; 2pp.
H. R. mis. doc. no. 32; 51st Cong., 2d sess.

—— *Same.* Case of E. Lilly; December 11, 1890; 4pp.
H. R. mis. doc. no. 33; 51st Cong., 2d sess.

—— *Same.* Case of Robert Quinn; December 11, 1890; 2pp.
H. R. mis doc. no. 34; 51st Cong., 2d sess.

—— *Same.* Case of D. Fairex; December 11, 1890; 2pp.
H. R. mis. doc. no. 35; 51st Cong., 2d sess.

—— *Same.* Case of W. B. South; December 11, 1890; 2pp.
H. R. mis. doc. no. 36; 51st Cong., 2d sess.

—— *Same.* Case of T. L. Galloway; December 11, 1890; 2pp.
H. R. mis. doc. no. 37; 51st Cong., 2d sess.

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—— *Same.* List of cases dismissed on the ground of "loyalty not found"; December 12, 1890; 16pp.
H. R. mis. doc. no. 40; 51st Cong., 2d sess.

—— *Same.* Case of brig *Vulture;* December 12, 1890; 4pp.
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—— *Same.* Case of W. H. Chapman; December 12, 1890; 2pp.
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—— *Same.* Case of E. H. Martin; December 12, 1890; 1p.
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—— *Same.* Case of S. Neidlinger; December 12, 1890; 1p.
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—— *Same.* Case of J. T. Crockett; December 12; 1890; 1p.
H. R. mis. doc. no. 45; 51st Cong., 2d sess.

—— *Same.* Case of S. E. Norton; December 12, 1890; 1p.
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—— *Same.* Case of W. A. Elkins; December 13, 1890; 2pp.
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—— *Same.* Case of W. B. Wheeler; December 13, 1890; 2pp.
H. R. mis. doc. no. 49; 51st Cong., 2d sess.

—— *Same.* Case of J. M. Stone; December 13, 1890; 2pp.
H. R. mis. doc. no. 50; 51st Cong., 2d sess.

—— *Same.* Case of E. Beachley; December 13, 1890; 2pp.
H. R. mis. doc. no. 51; 51st Cong., 2d sess.

—— *Same.* Case of G. F. Smith; December 13, 1890; 2pp.
H. R. mis. doc. no. 52; 51st Cong., 2d sess.

—— *Same.* Case of M. A. Peacock; December 13, 1890; 2pp.
H. R. mis. doc. no. 53; 51st Cong., 2d sess.

—— *Same.* Case of Geo. Deck; December 15, 1890; 2pp.
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—— *Same.* Case of W. M. Ponder; December 15, 1890; 2pp.
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—— *Same.* Case of J. M. Tally; December 15, 1890; 2pp.
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—— *Same.* Case of L. Howery; December 15, 1890; 2pp.
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—— *Same.* Case of J. Turner; December 15, 1890; 2pp.
H. R. mis. doc. no. 58; 51st Cong., 2d sess.

—— *Same.* Case of M. J. Fowler; December 16, 1890; 3pp.
H. R. mis. doc. no. 59; 51st Cong., 2d sess.

—— *Same.* Case of J. Caruth; December 16, 1890; 2pp.
H. R. mis. doc. no. 60; 51st Cong., 2d sess.

—— *Same.* Case of R. S. Flagg; December 16, 1890; 2pp.
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—— *Same.* Case of I. W. Canter; December 17, 1890; 2pp.
H. R. mis. doc. no. 62; 51st Cong., 2d sess.

—— *Same.* Case of R. S. Gillilan; December 17, 1890; 2pp.
H. R. mis. doc. no. 63; 51st Cong., 2d sess.

—— *Same.* Case of W. J. Embry; December 17, 1890; 2pp.
H. R. mis. doc. no. 64; 51st Cong., 2d sess.

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—— *Same.* Case of S. I. Clark; December 17, 1890; 4pp.
H. R. mis. doc. no. 65; 51st Cong., 2d sess.

—— *Same.* Case of T. Hightower; December 18, 1890; 2pp.
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—— *Same.* Case of A. A. Clem; December 18, 1890; 2pp.
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—— *Same.* To authorize the Washington and Western R. R. of Va. to extend its line into the District; January 20, 1891; 1p.
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Transportation.—Railway statistics. Group iv: comprising Virginia, West Virginia, North Carolina, and South Carolina.

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—— *Same.* As to Jos. Johnson; January 9, 1891; 5pp.
Sen. rep. no. 1935; 51st Cong., 2d sess.

—— *Same.* As to M. Pettitt; January 9, 1891; 2pp.
Sen. rep. no. 1936; 51st Cong., 2d sess.

—— *Same.* As to U. A. Nunlist; January 9, 1891; 4pp.
Sen. rep. no. 1937; 51st Cong., 2d sess.

—— *Same.* Adversely, as to G. H. Hume; January 9, 1891; 32pp.
Sen. rep. no. 1938; 51st Cong., 2d sess.

—— *Same.* Favorably, as to Schuylkill county, Penn; January 12, 1891; 2pp.
Sen. rep. no. 1949; 51st Cong., 2d sess.

—— *Same.* As to Maine Insane Asylum; January 9, 1891; 1p.
Sen. rep. no. 1950; 51st Cong., 2d sess.

—— *Same.* Relating to inspection of military prisons; January 9, 1891; 2pp.
Sen. rep. no. 1951; 51st Cong., 2d sess.

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—— *Same.* For relief of George Gunnell; January 9, 1891; 4pp.
Sen. rep. no. 1952; 51st Cong., 2d sess.

—— *Same.* To construct a military post near Essex Junction, Vt.; January 9 and February 19, 1891; 3+4pp.
H. R. rep. nos. 3394 and 3894; 51st Cong., 2d sess.

—— *Same.* Favoring resolution relating to the retirement of C. B. Stivers; January 10, 1891; 7pp.
Sen. rep. no. 1942; 51st Cong., 2d sess.

—— *Same.* Favoring bill for the relief of E. S. Havens; January 12, 1891; 10pp.
Sen. rep. no. 1953; 51st Cong., 2d sess.

—— *Same.* As to L. A. Ingram; January 12, 1891; 3pp.
Sen. rep. no. 1954; 51st Cong., 2d sess.

—— *Same.* To issue ordnance to Washington High School; January 12, 1891; 2pp.
Sen. rep. no. 1956; 51st Cong., 2d sess.

—— *Same.* For relief of T. Ten Eyck; January 12, 1891; 1p.
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—— *Same.* As to M. E. Flesschert; January 15, 1891; 1p.
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Sen. rep. no. 1965; 51st Cong., 2d sess.

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—— *Same.* Adversely, as to G. C. Clark; January 15, 1891; 1p.
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—— *Same.* Favorably, for the relief of A. L. Grugett; January 15, 1891; 2pp.
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—— *Same.* As to M. Mahar; January 14, 1891; 1p.
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—— *Same.* As to H. L. Morey; January 17, 1891; 4pp.
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—— *Same.* As to N. Lang; January 17, 1891; 10pp.
H. R. rep. no. 3497; 51st Cong., 2d sess.

—— Petition of Capt. Henry Johnson asking to be placed on the retired list; January 17, 1891; 3pp.
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—— Report from the committee on military affairs favoring bill for the nelief of C. M. Witting; January 19, 1891; 2pp.
Sen. rep. no. 1994; 51st Cong., 2d sess.

—— *Same.* Adversely, as to W. H. Rogers; January 19, 1891; 32pp.
H. R. rep. no. 3515; 51st Cong., 2d sess.

—— *Same.* Favorably, as to T. P. O'Reilly, January 21, 1891; 1p.
H. R. rep. no. 3537; 51st Cong., 2d sess.

—— *Same.* As to W. C. Beach, January 21, 1891; 1p.
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—— *Same.* Relating to the retired list of the army; January 21, 1891; 4pp.
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—— *Same.* As to G. W. Hagner; January 23, 1891; 9pp.
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—— Letter from the secretary of war relating to brevet rank of officers; January 24, 1891; 2pp.
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—— Report from the committee on military affairs favoring bill to erect a monument to Gen. J. S. Wadsworth; January 26, 1891; 1p.
H. R. rep. no. 3599; 51st Cong., 2d sess.

—— *Same.* For relief of T. Ten Eyck; January 27, 1891; 6pp.
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—— *Same.* To A. Mattocks; February 27, 1891; 1p. Sen. rep. 2545.

—— *Same.* To H. Brainard; February 27, 1891; 1p. Sen. rep. 2546.

—— *Same.* To L. B. Dorsett; February 27, 1891; 1p. Sen. rep. 2547.

—— *Same.* To C. Pope; February 28, 1891; 1p. Sen. rep. 2549.

—— *Same.* To W. T. Rhodes; February 28, 1891; 1p. Sen. rep. 2550.

—— *Same.* To Sol. Smith; February 28, 1891; 1p. Sen. rep. 2551.

**PENSIONS**—*Continued.*

—— *Same.* To E. J. Wharton; February 28, 1891; 1p. Sen. rep. 2552.

—— *Same.* To Joel Hagler; February 28, 1891; 1p. Sen. rep. 2553.

—— *Same.* To W. Zister; February 28, 1891; 1p. Sen. rep. 2554.

—— *Same.* To W. Compton; February 28, 1891; 2pp. Sen. rep. 2555.

—— *Same.* To H. L. Cook; February 28, 1891; 1p. Sen. rep. 2556.

—— *Same.* To W. B. Cloer; February 28, 1891; 1p. Sen. rep. 2557.

—— *Same.* To M. A. Irvin; February 28, 1891; 1p. Sen. rep. 2558.

—— *Same.* To M. J. Morrison; February 28, 1891; 1p. Sen. rep. 2559.

—— *Same.* To J. M. Wiggins; February 28, 1891; 1p. Sen. rep. 2560.

—— *Same.* To George Harlan; February 28, 1891; 1p. Sen. rep. 2561.

—— *Same.* To E. Phillips; February 28, 1891; 1p. Sen. rep. 2562.

—— *Same.* To B. J. Phillips; February 28, 1891; 1p. Sen. rep. 2563.

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—— *Same.* To Wm. Hale; February 28, 1891; 1p. Sen. rep. 2569.

—— *Same.* To John Brownlee; February 28, 1891; 1p. Sen. rep. 2570.

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—— *Same.* To S. T. Caston; February 28, 1891; 1p. Sen. rep. 2579.

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—— *Same.* To E. Laverty; February 28, 1891; 1p. Sen. rep. 2582.

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—— *Same.* To A. J. Crawford; February 28, 1891; 2pp. Sen. rep. 2584.

—— *Same.* To P. A. Sisson; February 28, 1891; 1p. House 4023.

—— *Same.* To Ellen Goff; February 28, 1891; 1p. House 4024.

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—— *Same.* To T. E. Breckenridge; February 28, 1891; 3pp. Sen. rep. 2588.

—— *Same.* To J. F. Taylor; March 2, 1891; 1p. Sen. rep. 2611.

—— *Same.* To H. E. Maccoun; March 2, 1891; 2pp. Sen. rep. 2612.

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—— *Same.* To W. H. Morris; March 2, 1891; 2pp. House 4031.

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—— *Same.* At Buffalo, N. Y.; January 28, 1891; 4pp.
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H. R. rep. no. 3380; 51st Cong., 2d sess.

—— *Same.* To Popperton Place and Fort Douglas Rapid Transit Co.; January 10, 1891; 1p.
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—— Report from the committee on territories favoring bill to enable the Prescott and Arizona Central Ry. Co. to extend its road to Phœnix; February 20, 1891; 2pp.
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H. R. rep. no 3354; 51st Cong., 2d sess.

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## MONTHLY CATALOGUE.

JOHN H. HICKCOX, - - - - - - - - - - Editor.

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**WAR CLAIMS.** Report from the committee on war claims (H. R.) favoring bill for the relief of estate of Thos. Sherwin; December 4, 1890; 1p. No. 3246.

—— *Same.* As to W. Cornwell; December 4, 1890; 1p. No. 3247.

—— *Same.* As to Mobile Marine Dock Company; December 8, 1890; 4pp. No. 3253.

—— *Same.* As to J. S. Sammis; December 8, 1890; 1p. No. 3255.

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—— *Same.* As to Atlantic Works, Boston; December 22, 1890; 5pp. No. 3341.

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—— *Same.* As to B. A. Donato and o'rs; February 13, 1891; 1p. No. 3803.

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—— *Same.* As to C. Caine; February 16, 1891; 1p. No. 3815.

—— *Same.* As to legal citizens of Loudoun county, Va.; February 18, 1891; 9pp. No. 3859.

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—— *Same.* As to Mrs. J. A. Humphries; March 2, 1891; 1p. No. 4043.

—— *Same.* As to J. R. Thompson; March 3, 1891; 1p. No. 4049.

—— *Same.* As to J. M. Higgins; March 3, 1891; 1p. No. 4054.

**WAR DEPARTMENT.** Annual report of the Secretary of War, being part of the message and documents, 2d session 51st Congress. In four vols. Vols. 3 and 4. Washington, 1890; 2 vols.
H. R. ex. doc. no. 1, part 2, vols. 3 and 4; 51st Cong., 2d sess.

—— **Engineers.** Letter from the secretary of war transmitting report from the chief of engineers on the preliminary examination of Big Barren River, Ky.; December 2, 1890; 3pp.
H. R. ex. doc. no. 15; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of Alviso harbor, &c., Calif.; December 2, 1890; 3pp.
H. R. ex. doc. no. 16; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of Potomac Creek; December 2, 1890; 2pp.
H. R. ex. doc. no. 17; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of the Colorado River, Ariz.; December 2, 1890; 3pp.
H. R. ex. doc. no. 18; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of the harbor of Blue Hill, Me.; December 2, 1890; 4pp.
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—— —— *Same.* Preliminary examination of shoals at the mouth of North River, Mass.; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Puyallup River, Washington; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Inner Bay, near mouth of Saranac River, N. Y.; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Little Egg Harbor, N. J.; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Deep, Skamokawa, and Crooked rivers, Washington; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Shark River, N. J.; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Buttermilk and and Gowanus Bay channels, N. Y.; December 2, 1890; 4pp.
H. R. ex. doc. no. 26; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of the D'Warwick and Black rivers, Washington; December 2, 1890; 3pp.
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—— —— *Same.* Preliminary examination of North River, Mass.; December 3, 1890; 2pp.
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—— —— *Same.* Preliminary examination of Russell's Fork, Ky.; December 3, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Boquet River, N. Y.; December 3, 1890; 3pp.
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—— —— *Same.* Preliminary examination of Pensauken Creek, N. J.; December 3, 1890; 3pp.
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—— —— *Same.* Preliminary examination for an harbor of refuge at Santa Cruz., Calif.; December 3, 1890; 4pp., map.
H. R. ex. doc. no. 32; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of Nooksark, Skagit, and Snohomish rivers, Washington; December 4, 1890; 5pp.
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—— —— *Same.* Preliminary examination of Cape May City, N. J., for breakwater; December 4, 1890; 2pp.
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—— —— *Same.* Preliminary examination of Ollouez Bay, &c.; December 4, 1890; 4pp.
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—— —— *Same.* Preliminary examination of the sound between Barnegat and Great Egg Harbor, N. J.; December 4, 1890; 2pp.
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—— —— *Same.* Preliminary examination of the American channel, Detroit River; December 4, 1890; 3pp.
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—— —— *Same.* Preliminary examination for a water way to connect Lynn Haven Bay with the eastern branch of Elizabeth River, Va.; December 5, 1890; 7pp.
H. R. ex. doc. no. 48; 51st Cong., 2d sess.

—— —— *Same.* Preliminary examination of Piscataway Creek, Md.; December 5, 1890; 3pp.
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—— —— *Same.* Preliminary examination for a thoroughfare from Cape May to the Great Bay north of Atlantic City; December 5, 1890; 3pp.
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—— —— *Same.* Preliminary examination of the San Rafael River, Calif.; December 6, 1890; 2pp.
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—— —— *Same.* Preliminary examination of Redwood Creek, Calif.; December 6, 1890; 3pp.
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—— —— *Same.* Report in relation to Port Orford Harbor, Ore.; December 6, 1890; 9pp., map.
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—— —— *Same.* Report of examination of Piscataway Creek, Va.; December 8, 1890; 2pp.
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—— —— *Same.* Report of examination of Bay Ridge channel, N. Y.; December 8, 1890; 4pp.
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—— —— *Same.* Report of the examination of the Lower Columbia River; December 8, 1890; 2pp.
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—— —— *Same.* Report of the examination of Pepperell Cove, Me.; December 8, 1890; 4pp.
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—— —— *Same.* Report of the examination of Upper Machodoc Creek, Va.; December 8, 1890; 2pp.
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—— —— *Same.* Report of the examination of San Simeon Bay, Calif.; December 8, 1890; 3pp.
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—— —— *Same.* Report of the examination of Wabash River, Ind.; December 8, 1890; 3pp.
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—— —— *Same.* Report of the examination of Champlin's Creek, N. Y.; December 8, 1890; 2pp.
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—— —— *Same.* Report of the examination of Young's Bay channel, Columbia River; December 8, 1890; 3pp.
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—— —— *Same.* Report of the examination of the Mississippi River at Warsaw, Ill.; December 8, 1890; 3pp., 1pl.
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—— —— *Same.* Report of the examination of the slough at Hamilton, Ill.; December 10, 1890; 3pp.
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—— —— *Same.* Report of the examination of Shaw's Cove, New London Harbor, Conn.; December 10, 1890; 5pp.
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—— —— *Same.* Report of the examination of the Willamette River, Ore.; December 10, 1890; 4pp.
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—— —— *Same.* Report of the examination of Sullivan Falls, Me.; December 12, 1890; 4pp., 1pl.
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—— —— *Same.* Report of the examination of Alsea Bay and River, Ore.; December 12, 1890; 5pp.
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—— —— *Same.* Report of the examination of the Connecticut River; December 12, 1890; 5pp.
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—— —— *Same.* Report of the examination of Nottoway River, Va.; December 12, 1890; 7pp.
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—— —— *Same.* Report of the examination of the western branch of Elizabeth River, Va.; December 12, 1890.
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—— —— *Same.* Report of the examination of the Ship channel between Port Townsend Bay, Puget Sound, and Oak Bay; December 13, 1890; 5pp.
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—— —— *Same.* Report of the examination of White Oak River, N. C.; December 16, 1890; 3pp.
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—— —— *Same.* Report of the examination of the Patapsco River, Md.; December 17, 1890; 3pp., 1pl.
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—— —— *Same.* Report of the examination of the Elk River, W. Va.; December 18, 1890; 4pp.
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—— —— *Same.* Report of the examination of the harbor of Smithland, Ky.; December 19, 1890; 4pp.
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—— —— *Same.* Report of the examination of Princess Bay, Staten Island, N. Y.; December 23, 1890; 4pp., 1pl.
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—— —— *Same.* Report of the examination of Bayou Terre Bonne, La.; December 23, 1890; 4pp.
H. R. ex. doc. no. 110; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of the shoals on Lake Pontchartrain, La.; December 23, 1890; 3pp.
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—— —— *Same.* Report of the examination of Bayou Block, La.; December 23, 1890; 2pp.
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—— —— *Same.* Report of the examination of Bayou Cocodrie, La.; December 23, 1890; 2pp.
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—— —— *Same.* Report of the examination of Rouge River, Mich.; December 26, 1890; 3pp.
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—— —— *Same.* Report of the examination of the Sucarnoochee River, Ala.; December 26, 1890; 4pp.
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—— —— *Same.* Report of the examination of Double Bayou, Texas; December 26, 1890; 4pp.
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—— —— *Same.* Report of the examination of Tongu River, Mont.; December 26, 1890; 3pp.
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—— —— *Same.* Report of the examination of Bayou Des Glaises, La.; December 26, 1890; 2pp.
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—— —— *Same.* Report of the examination of St. Leonard's Creek, Md.; December 26, 1890; 2pp.
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—— —— *Same.* Report of the examination and survey of Stony Creek River, Conn.; December 30, 1890; 3pp., 1pl.
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—— —— *Same.* Report of the examination of Bayou Block, La.; December 30, 1890; 3pp.
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—— —— *Same.* Report of the examinatien of the mouth of Gunter's Creek, Ala.; January 2, 1891; 3pp., 1pl.
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—— —— *Same.* Report of the examination of Chattahoochee River, Ga.; January 2, 1891; 6pp.
H. R. ex. doc. no. 134; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of the Mississippi River, near Clinton, Iowa; January 2, 1891; 5pp., 1 plate.
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—— —— *Same.* Report of the examination of the west branch of the Susquehanna River; January 5, 1891; 13pp., 1pl.
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—— —— *Same.* Report of the examination of the Colorado River, Texas; January 5, 1891; 5pp.
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—— —— *Same.* Report of the examination of Alabama River, Ala.; January 5, 1891; 12pp.
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—— —— *Same.* Submitting draft of rules and regulations for the navigation of the canal of Fox River, Wis.; January 6, 1891; 3pp.
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—— —— *Same.* Report of the examination of Sabewaing River, Mich.; January 7, 1891; 6pp.
H. R. ex. doc. no. 154; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination and survey of Town River, Mass.; January 7, 1891; 4pp., 1 map.
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—— —— *Same.* Report of the examination of Current River, Mo.; January 9, 1891; 7pp., 1pl.
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—— —— *Same.* Report of the examination of Lubec Channel, Me.; January 9, 1891; 4pp., 1pl.
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—— —— *Same.* Report of the examination of Little Pigeon River, Tenn.; January 9, 1891.
H. R. ex. doc. no. 159; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of the water way from Pungo River to Sladesville, N. C.; January 9, 1891.
H. R. ex. doc. no. 160; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Linchester River, Md.; January 9, 1891; 3pp.
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—— —— *Same.* Report on the examination of the water-way between Pamlico and Bay Rivers, N. C.; January 9, 1891; 5pp.
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—— —— *Same.* Report on the examination of Nanticoke River; January 9, 1891; 4pp.
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—— —— *Same.* Report of the examination of Drum Inlet, N. C.; January 9, 1891; 5pp.
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—— —— *Same.* Report of the preliminary examination of Indian River, Fl.; January 12, 1891; 5pp.
H. R. ex. doc. no. 168; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Newport Creek, Md.; January 12, 1891; 2pp.
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—— —— *Same.* Report on the examination of Tangier Harbor, Va.; January 16, 1891; 3pp.
H. R. ex. doc. no. 172; 51st Cong., 2d sess.

WAR DEPARTMENT: Engineers.—*Continued.*

—— —— *Same.* Report on the examination of Narragansett Bay Channel, R. I.; January 16, 1891; 3pp.
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—— —— *Same.* Report on the examination of Watch Hill Cove, R. I., January 16, 1891; 2pp.
H. R. ex. doc. no. 174; 51st Cong., 2d sess.

—— —— *Same.* Report on the examination and survey of Mokelumone River, Calif.; January 16, 1801; 6pp., 2pls.
H. R. ex. doc. no. 178; 51st Cong., 2d sess.

—— —— *Same.* Report upon the examination of Saugatuck River, Conn.; January 16, 1891; 5pp.
H. R. ex. doc. no. 179; 51st Cong., 2d sess.

—— —— *Same.* Report on the examination of Newport Harbor, R. I.; January 16, 1891; 3pp.
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—— —— *Same.* Report on the examination of bayous Tigre and Chevreuil, La.; January 17, 1891; 3pp.
H. R. ex. doc. no. 182; 51st Cong., 2d sess.

—— —— *Same.* Report upon the examination of Cane River, La.; January 17, 1891; 7pp., 1pl.
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—— —— *Same.* Report of the examination of Bayou Eastor, La.; January 17, 1891; 4pp.
H. R. ex. doc. no. 185; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Owensboro harbor, Ky.; January 21, 1891; 2pp.
H. R. ex. doc. no. 193; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination and survey of the Ohio River between Green River and Evansville; January 29, 1891; 6pp.
H. R. ex. doc. no. 195; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Tionesta Creek, Penn.; January 22, 1891; 3pp.
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—— —— *Same.* Report of the examination of Berwick's Bay, La.; January 23, 1891; 3pp.
H. R. ex. doc. no. 198; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Boat or Number Four Channel, Cedar Keys Harbor, Fl.; January 24, 1891; 3pp.
H. R. ex. doc. no. 205; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination for a ship-channel between the Great Lakes; January 24, 1891; 11pp.
H. R. ex. doc. no. 207; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Pearl river, Florida; February 7, 1891; 5pp.
H. R. ex. doc. no. 241; 51st Cong., 2d sess.

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—— —— *Same.* Report on future improvement of the Sacramento and Feather rivers, Calif.; February 10, 1891; 7pp.
H. R. ex. doc. no. 246; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination and survey of Weymouth Black River, Mass; February 13, 1891; 5pp., 1 map.
H. R. ex. doc. no. 256; 51st Cong., 2d sess.

—— —— *Same.* Report of preliminary examination of the harbor at Hudson, Wis.; February 21, 1891; 3pp., 1pl.
H. R. ex. doc. no. 268; 51st Cong., 2d sess.

—— —— *Same.* Report of the examination of Wateree River, S. C.; February 21, 1891; 3pp.
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—— —— *Same.* Report of the preliminary examination of Bayou Vermillion, Louisiana; February 25, 1891; 4pp., 1pl.
H. R. ex. doc. no. 273; 51st Cong., 2d sess.

—— —— *Same.* Report of the preliminary examination of Trinity River, Texas; February 25, 1891; 4pp.
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—— —— *Same.* Report of the examination of Bayou Teche, La.; February 26, 1891; 4pp.
H. R. ex. doc. no. 280; 51st Cong., 2d sess.

—— —— *Same.* As to the advisability of reopening Willow Slough; February 27, 1891; 12pp.
H. R. ex. doc. no. 284; 51st Cong., 2d sess.

—— —— *Same.* Report of examination of Black River, S. C.; February 28, 1891; 6pp.
H. R. ex. doc. no. 286; 51st Cong., 2d sess.

—— —— *Same.* Report upon the examination of the harbor of Washington, Pamlico River, N. C.; February 28, 1891; 7pp.
H. R. ex. doc. no. 289; 51st Cong., 2d sess.

—— —— *Same.* Report of preliminary examination of Nandua Creek, Va.; March 3, 1891; 3pp.
H. R. ex. doc. no. 290; 51st Cong., 2d sess.

—— —— *Same.* Report of preliminary examination of the harbor of St. Augustine, Fl.; March 3, 1891; 3pp.
H. R. ex. doc. no. 291; 51st Cong., 2d sess.

—— —— *Same.* Report of preliminary examination of the Red River of the North; March 3, 1891; 4pp.
H. R. ex. doc. no. 292; 51st Cong., 2d sess.

—— —— *Same.* Report of preliminary examination of certain bays in Devils Lake, N. Dakota; March 3, 1891; 6pp.
H. R. ex. doc. no. 293; 51st Cong., 2d sess.

—— —— *Same.* Reports upon the work of constructing a canal at the Cascades of the Columbia River; March 3, 1891; 41pp.
Sen. ex. doc. no. 72; 51st Cong., 2d sess.

—— Ordnance Office. Annual report of the chief of ordnance for the fiscal year ended June 30, 1890. Washington, 1890; 748pp., 99pls., 17 fold. l.

**WAR DEPARTMENT:** Ordnance Office—*Continued.*

—— —— Report of the tests of metals and other materials for industrial purposes made with the U. S. testing machine at Watertown arsenal, Mass., during the fiscal year ended June 30, 1890. Washington, 1891; 8°, 1161pp., 22 plates.
H. R. ex. doc. no. 165; 51st Cong., 2d sess.

—— —— Notes on the construction of ordnance, no. 57; January 12, 1891; 4°, 24pp., 1pl.

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Design for an experimental carriage for a 7-inch b. l. siege howitzer. By Capt. Wm. Crozier.

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